|                                                          | LTH AND HUMAN SERVICES<br>IG ADMINISTRATION |
|----------------------------------------------------------|---------------------------------------------|
| DISTRICT ADDRESS AND PHONE NUMBER                        | DATE(S) OF INSPECTION                       |
| 6th & Kipling St. (P.O. Box 25087)                       | 2/11/2019-2/26/2019*                        |
| Denver, CO 80225-0087<br>(303)236-3000 Fax:(303)236-3100 | FEI NUMBER 3012248071                       |
| NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED       | •                                           |
| Tony E. Jones, Owner                                     |                                             |
| FIRM NAME                                                | STREET ADDRESS                              |
| Maple Rose Enterprises, Inc, dba Pencol<br>Pharmacy      | 1325 S Colorado Blvd Ste B-024              |
| CITY, STATE, ZIP CODE, COUNTRY                           | TYPE ESTABLISHMENT INSPECTED                |
| Denver, CO 80222-3303                                    | Producer of Sterile and Non-Sterile Drugs   |

This document lists observations made by the FDA representative(s) during the inspection of your facility. They are inspectional observations, and do not represent a final Agency determination regarding your compliance. If you have an objection regarding an observation, or have implemented, or plan to implement, corrective action in response to an observation, you may discuss the objection or action with the FDA representative(s) during the inspection or submit this information to FDA at the address above. If you have any questions, please contact FDA at the phone number and address above.

#### DURING AN INSPECTION OF YOUR FIRM WE OBSERVED:

Laboratory System

## **OBSERVATION 1**

Each batch of drug product purporting to be sterile and pyrogen-free is not laboratory tested to determine conformance to such requirements.

You have no assurance that the sterility and endotoxin level of your intrathecal drug products are safe. You have no data for these products prior to distribution and use. Your sterility monitoring practices performed via (b) (4) have not been validated nor has the media been subjected to growth promotion. These preparations are made using non-sterile starting materials.

Facilities and Equipment System

## **OBSERVATION 2**

Buildings used in the processing of a drug product are not maintained in a good state of repair.

Specifically, your firm's ante room as well as clean rooms where your ISO 5 laminar air flow workbench and biosafety cabinet are located have not been maintained in a good state of repair. For example,

## AMENDMENT 1

SEE REVERSE OF THIS PAGE EMPLOYEE(S)SIGNATURE
Zachary A Bogorad, Investigator
Zachery L Miller, Investigator



DATE ISSUED 2/26/2019

FORM FDA 483 (09/08) PREVIOUS EDITION OBSOLETE

INSPECTIONAL OBSERVATIONS

PAGE 1 of 11 PAGES

|                                                                                                                                     | TH AND HUMAN SERVICES                                                                |  |  |
|-------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|--|--|
| DISTRICT ADDRESS AND PHONE NUMBER 6th & Kipling St. (P.O. Box 25087) Denver, CO 80225-0087 (303)236-3000 Fax: (303)236-3100         | G ADMINISTRATION  DATE(S) OF INSPECTION  2/11/2019-2/26/2019*  FEI NUMBER 3012248071 |  |  |
| NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED                                                                                  | L                                                                                    |  |  |
| Tony E. Jones, Owner                                                                                                                |                                                                                      |  |  |
| Maple Rose Enterprises, Inc, dba Pencol Pharmacy CITY, STATE, ZIP CODE, COUNTRY                                                     | 1325 S Colorado Blvd Ste B-024                                                       |  |  |
| Denver, CO 80222-3303                                                                                                               | TYPE ESTABLISHMENT INSPECTED Producer of Sterile and Non-Sterile Drugs               |  |  |
| appeared to reveal white gypsum.  B) (b) (4) sprinkler heads were found in the ISO heads appeared to be unclean.                    | 7 buffer rooms and ante room. The metal of the sprinkler                             |  |  |
| C) The (b) (4) (b) (4) the anteroom and Cleanroom 2 was observed to have rust-like spots covering the handles and hinges of (b) (4) |                                                                                      |  |  |
| D) There is no indication that (b) (4) HEPA filters present in the ceiling of the ante room is functional.                          |                                                                                      |  |  |
| This is a reneat FDA 483. Inspection Observation, from                                                                              | inspection ending on 8/22/2016                                                       |  |  |

## OBSERVATION 3

Routine calibration, inspection and checking of mechanical and electronic equipment is not performed according to a written program designed to assure proper performance.

A) Temperature, humidity, and pressure monitoring equipment including the (b) (4) door monitoring pressure system and the magnehelic analog pressure gauge calibrations have never been performed.

| SEE REVERSE<br>OF THIS PAGE | Zachary A Bogorad, Ir<br>Zachery L Miller, Inv |                          |     | 2/26/2019          |
|-----------------------------|------------------------------------------------|--------------------------|-----|--------------------|
| FORM FDA 483 (09/08)        | PREVIOUS EDITION OBSOLETE                      | INSPECTIONAL OBSERVATION | ONS | PAGE 2 of 11 PAGES |

|                                                                                                                                                                                         |                                                                                             | G ADMINISTRATI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                        |                     |  |
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| 6th & Kinling                                                                                                                                                                           | NE NUMBER<br>g St. (P.O. Box 25087)                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | DATE(S) OF INSPECTION 2/11/2019-2/26/2019*                                                             |                     |  |
| Denver, CO 80                                                                                                                                                                           |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | FEI NUMBER                                                                                             |                     |  |
|                                                                                                                                                                                         | Fax: (303) 236-3100                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3012248071                                                                                             |                     |  |
| NAME AND TITLE OF INDIVIDUA                                                                                                                                                             | AL TO WHOM REPORT ISSUED                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| Tony E. Jones                                                                                                                                                                           |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| FIRM NAME                                                                                                                                                                               | on Proceedings of American                                                                  | STREET ADDRESS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                        |                     |  |
| Maple Rose En                                                                                                                                                                           | terprises, Inc, dba Pencol   1325 S Colorado Blvd Ste B-024                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| Pharmacy CITY, STATE, ZIP CODE, COUN                                                                                                                                                    | TDV                                                                                         | TYPE ESTABLISHME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | ALT INSPECTED                                                                                          |                     |  |
| Denver, CO 80                                                                                                                                                                           |                                                                                             | Providence of the State of the | of Sterile and Non-St                                                                                  | erile Drugs         |  |
| ***                                                                                                                                                                                     | (4) gauge used to perform (b) (4)                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | ting after manufacturing: You                                                                          | ır 3rd partv        |  |
| calibration service                                                                                                                                                                     | (4) gauge used to perform (b) (4) re, (b) (4), provided no evidence of the perform (b) (4). | erformance o                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | f device calibration. More tha                                                                         | n % of sterile      |  |
| drugs manufactur                                                                                                                                                                        | red on site require (b) (4) App                                                             | oroximately "                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | % of drugs manufactured or                                                                             | 1 site are sterile. |  |
|                                                                                                                                                                                         |                                                                                             | 27.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                        |                     |  |
|                                                                                                                                                                                         |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| 2. Asset ID 7547                                                                                                                                                                        | 5 (b) (4) used in the final step                                                            | of sterilization                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | on of all multi-use equipment                                                                          | and utensils.       |  |
| This is a report E                                                                                                                                                                      | DA 402 Inspection Observation from                                                          | inspection a                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | nding on 9/22/2016                                                                                     |                     |  |
| This is a repeat F                                                                                                                                                                      | DA 483, Inspection Observation, from                                                        | inspection en                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | nding on 8/22/2016.                                                                                    |                     |  |
|                                                                                                                                                                                         |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| OBSERVATIO                                                                                                                                                                              | ON 4                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| Aseptic processing areas are deficient regarding the system for monitoring environmental conditions.                                                                                    |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| 2001 0004 2005 2005 200 10 V234.1                                                                                                                                                       |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| Specifically, environmental monitoring is insufficiently conducted during aseptic filling operations in order to give information on the quality of the aseptic processing environment. |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| give information                                                                                                                                                                        | on the quanty of the aseptic processing                                                     | , environmen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | II.                                                                                                    |                     |  |
|                                                                                                                                                                                         |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| A) Non vioble oi                                                                                                                                                                        | r monitoring is only performed during                                                       | (b) (4)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                        |                     |  |
| A) Non-viable air monitoring is only performed during (b) (4)                                                                                                                           |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| B) Viable air monitoring is only performed during (b) (4) regardless of production schedule. There is                                                                                   |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| no time limit for the media deployment and instructions for use of the media recommend that media only be                                                                               |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| (b) (4)                                                                                                                                                                                 |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
| C) Pressure, temp                                                                                                                                                                       | perature, and humidity monitoring devi                                                      | ces installed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | in each clean room of the suit                                                                         | tes are not         |  |
| monitored. Altho                                                                                                                                                                        | ugh these data points are recorded (b) analyzed due software malfunctions are               | (4) (b                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | ) (4) the data file                                                                                    | s have never        |  |
| lead.                                                                                                                                                                                   | analyzed due software manufetions at                                                        | ia amenaule                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | performance according to yo                                                                            | a sterile team      |  |
|                                                                                                                                                                                         |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        |                     |  |
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|                                                                                                                                                                                         | AMEN                                                                                        | IDMENT 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                        |                     |  |
| de .                                                                                                                                                                                    | EMPLOYEE(S) SIGNATURE                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        | DATE ISSUED         |  |
| SEE REVERSE                                                                                                                                                                             | Zachary A Bogorad, Investiga                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        | 2/26/2019           |  |
| OF THIS PAGE                                                                                                                                                                            | Zachery L Miller, Investigat                                                                | tor                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Zachery L. Miller<br>Investigator<br>Signed By Zachery L. Miller -S<br>Dale Signed 02-26-2019 12 10 43 |                     |  |
|                                                                                                                                                                                         |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | X Date Signed 02-26-2019 12 10 43                                                                      |                     |  |
|                                                                                                                                                                                         |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                        | -                   |  |
| FORM FDA 483 (09/08) PREVIOUS EDITION OBSOLETE INSPECTIONAL OBSERVATIONS                                                                                                                |                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | PAGE 3 of 11 PAGES                                                                                     |                     |  |

DEPARTMENT OF HEALTH AND HUMAN SERVICES

| DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION            |                                           |  |  |
|---------------------------------------------------------------------------------|-------------------------------------------|--|--|
| DISTRICT ADDRESS AND PHONE NUMBER                                               | DATE(S) OF INSPECTION                     |  |  |
| 6th & Kipling St. (P.O. Box 25087)                                              | 2/11/2019-2/26/2019*                      |  |  |
| Denver, CO 80225-0087<br>(303)236-3000 Fax:(303)236-3100                        | FEI NUMBER<br>3012248071                  |  |  |
| NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED                              |                                           |  |  |
| Tony E. Jones, Owner                                                            | 25 HI                                     |  |  |
| FIRM NAME                                                                       | STREET ADDRESS                            |  |  |
| Maple Rose Enterprises, Inc, dba Pencol 1325 S Colorado Blvd Ste B-024 Pharmacy |                                           |  |  |
| CITY, STATE, ZIP CODE, COUNTRY                                                  | TYPE ESTABLISHMENT INSPECTED              |  |  |
| Denver, CO 80222-3303                                                           | Producer of Sterile and Non-Sterile Drugs |  |  |

Examples of office stock products produced under these conditions include the following:

- 1. Brilliant Blue G 0.05% in dextrose 5% PF Intravitreal injection 0.05%, lot BBD2128, Rx (b) (6) made 7/31/18, BUD 4/27/19
- 2. Moxifloxacin Intracameral 150 mcg/0.1 mL Solution, lot MOXI2348, (b) (6) made 8/22/18, BUD 6/18/19
- 3. Riboflavin Ophthalmic in BSS 0.1% Solution, Rx (b) (6) lot RIB2818, made 19/8/18, BUD 6/6/19

This is a repeat FDA 483, Inspection Observation, from inspection ending on 8/22/2016.

#### **OBSERVATION 5**

Aseptic processing areas are deficient regarding the system for cleaning and disinfecting the room and equipment to produce aseptic conditions.

Specifically,

A) The(b) (4) for multi-use equipment components and utensils has not been shown to be validated. Equipment qualifications and load patterns have not been performed for the (b) (4) and (b) (4).

| SEE REVERSE<br>OF THIS PAGE | EMPLOYEE(S) SIGNATURE Zachary A Bogorad, In Zachery L Miller, Inv |                          | Zachery L Miller<br>Investigator<br>Signed by Zachery L Miller -S<br>Date Signed 02-25-2019 12 10 43 | DATE ISSUED 2/26/2019 |
|-----------------------------|-------------------------------------------------------------------|--------------------------|------------------------------------------------------------------------------------------------------|-----------------------|
| FORM FDA 483 (09/08)        | PREVIOUS EDITION OBSOLETE                                         | INSPECTIONAL OBSERVATION | ONS                                                                                                  | PAGE 4 of 11 PAGES    |

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| 6+b & Viplin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ne number<br>g St. (P.O. Box 25087)                                                                                                                                                                                                                                                                                                                                                                                                                          | DATE(S) OF INS               | PECTION<br>019-2/26/2019*                                                                   |  |  |  |
| Denver, CO 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                              | FEI NUMBER                   | SALVER CONTRACTOR                                                                           |  |  |  |
| Annual Control of the | 00 Fax: (303) 236-3100                                                                                                                                                                                                                                                                                                                                                                                                                                       |                              | 3071                                                                                        |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                              | e                            |                                                                                             |  |  |  |
| NAME AND TITLE OF INDIVIDUA<br>Tony E. Jones                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                                                             |  |  |  |
| FIRM NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | o, Owliet                                                                                                                                                                                                                                                                                                                                                                                                                                                    | STREET ADDRESS               |                                                                                             |  |  |  |
| Maple Rose Er                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | nterprises, Inc, dba Pencol                                                                                                                                                                                                                                                                                                                                                                                                                                  | 1325 S Colorado              | Blvd Ste B-024                                                                              |  |  |  |
| Pharmacy                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 5 2 2                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                              |                                                                                             |  |  |  |
| CITY, STATE, ZIP CODE, COUN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TYPE ESTABLISHMENT INSPECTED |                                                                                             |  |  |  |
| Denver, CO 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 0222-3303                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Producer of Ster             | rile and Non-Sterile Drugs                                                                  |  |  |  |
| (b) (4)<br>compounding Bu<br>application of (b<br>sterile (b) (4) each                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | B) On 2/11/19, I observed your technician apply non-sterile disinfectant cleaner, (b) (4) (b) (4) , to all surface area inside your ISO 5 certified biosafety cabinet, prior to compounding Bupivacaine HCl Hyaluronidase Preservative Free Solution (0.75% (b) (4) unit injection). After the application of (b) (4), all surface areas inside the ISO 5 were subsequently cleaned with water for injection and sterile (b) (4) each with a (b) (4) dwell). |                              |                                                                                             |  |  |  |
| This is a repeat F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | DA 483, Inspection Observation, from                                                                                                                                                                                                                                                                                                                                                                                                                         | inspection ending on a       | 1/22/2016.                                                                                  |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                                                             |  |  |  |
| Production Syste                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | m                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                              |                                                                                             |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                                                             |  |  |  |
| Procedures desi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | OBSERVATION 6 Procedures designed to prevent microbiological contamination of drug products purporting to be sterile are not established.  Specifically,                                                                                                                                                                                                                                                                                                     |                              |                                                                                             |  |  |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | (b) (4)                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (b) (                        | 1)                                                                                          |  |  |  |
| A) Your firm doe                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | es not effectively perform a (b) (4)                                                                                                                                                                                                                                                                                                                                                                                                                         | (D) ( <sup>2</sup>           | 4) testing of (b) (4)                                                                       |  |  |  |
| B) On 2/11/19, I observed your compounding technician placing her gloved hand and other objects (needles, needle adapter, barrel, plungers, large volume IV bag) into the path of unidirectional "first air" during the compounding of Bupivacaine HCl Hyaluronidase Preservative Free Solution (0.75% nit injection), Lot No. BH0429. The HEPA filtered airflow above the sterile finished product vials was compromised (hands and other objects placed over the pre-sterilized vial septums) during the (b) (4) and the (b) (4) of final product.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                                                             |  |  |  |
| AMENDMENT 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                              |                                                                                             |  |  |  |
| SEE REVERSE<br>OF THIS PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | EMPLOYEE(S)SIGNATURE Zachary A Bogorad, Investigation Zachery L Miller, Investigation                                                                                                                                                                                                                                                                                                                                                                        |                              | Zachery L Miller investigator signed 69 Zachery L Miller -S Date Signed 62-26-2019 12 10 43 |  |  |  |
| FORM FDA 483 (09/08)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | PREVIOUS EDITION OBSOLETE INS                                                                                                                                                                                                                                                                                                                                                                                                                                | PECTIONAL OBSERVATION        | ONS PAGE 5 of 11 PAGES                                                                      |  |  |  |

DEPARTMENT OF HEALTH AND HUMAN SERVICES

| DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION |                                           |  |  |
|----------------------------------------------------------------------|-------------------------------------------|--|--|
| DISTRICT ADDRESS AND PHONE NUMBER                                    | DATE(S) OF INSPECTION                     |  |  |
| 6th & Kipling St. (P.O. Box 25087)                                   | 2/11/2019-2/26/2019*                      |  |  |
| Denver, CO 80225-0087<br>(303)236-3000 Fax:(303)236-3100             | FEI NUMBER 3012248071                     |  |  |
| NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED                   |                                           |  |  |
| Tony E. Jones, Owner                                                 |                                           |  |  |
| FIRM NAME                                                            | STREET ADDRESS                            |  |  |
| Maple Rose Enterprises, Inc, dba Pencol<br>Pharmacy                  | 1325 S Colorado Blvd Ste B-024            |  |  |
| CITY, STATE, ZIP CODE, COUNTRY                                       | TYPE ESTABLISHMENT INSPECTED              |  |  |
| Denver, CO 80222-3303                                                | Producer of Sterile and Non-Sterile Drugs |  |  |
|                                                                      |                                           |  |  |

- C) Your firm's in situ air pattern analysis (smoke studies) was not conducted under dynamic conditions that simulate routine production, such as (b) (4) sterilization and IV bag manipulation. Without, there is no assurance critical processing areas are suitable for aseptic manufacturing of sterile drug products. The (b) (4) current smoke study videos (for each of the laminar flow hoods) were filmed 12/22/2017.
- D) Your firm's media fills/process simulations are not performed under the most stressful or challenging conditions and do not simulate typical volumes and manipulations to closely simulate the same exposure that the product itself will undergo. In addition, protocols and final reports are not established to describe and evaluate media fills other than (b) (4)
- E) From 2/11/19 2/26/19 equipment used in the production of sterile injectables including glassware, utensils, and stir components was not processed in a way that eliminates pyrogens. The following sterile drugs were manufactured during the inspection using non-depyrogenated glassware and utensils:
- 1. Bupivacaine with Hyaluronidase lot BH0429, Rx (b) (6), made (b) (4), (b) (4), (c) (4) x 5cc vials, made 2/11/19, BUD 2/25/19
- 2. Vitamin B Complex PF Formula Combo Solution lot 3VBC0449, Rx (b) (6), x 20ml vials, made 2/13/19, BUD 3/15/19
- F) Sterility and bacterial endotoxin testing is performed only on products whose batch size is greater than units. Approximately of products have a batch size greater than or equal to units. In conjunction with this, media used for sterility testing, via (b) (4), for products whose batch size is less than units, is not tested for growth promotion prior to use.

#### AMENDMENT 1

|  |  | DATE ISSUED 2/26/2019 |          |
|--|--|-----------------------|----------|
|  |  | 5                     | <u> </u> |

INSPECTIONAL OBSERVATIONS

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FORM FDA 483 (09/08)

|                                        | DEPARTMENT OF HEAL<br>FOOD AND DRU                                             | TH AND HUMA<br>G ADMINISTRATI |                                            | ES                                                                                |                |
|----------------------------------------|--------------------------------------------------------------------------------|-------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------|----------------|
| 6th & Kipline                          |                                                                                |                               | DATE(S) OF INSPECTION 2/11/2019-2/26/2019* |                                                                                   |                |
| Denver, CO 80                          | 0225-0087                                                                      |                               | FEI NUMBER 3012248071                      |                                                                                   |                |
| (303) 236-3000                         | 0 Fax: (303) 236-3100                                                          |                               | 5012240                                    | 3071                                                                              |                |
| NAME AND TITLE OF INDIVIDUA            | AL TO WHOM REPORT ISSUED                                                       |                               |                                            |                                                                                   |                |
| Tony E. Jones                          | o, Owner                                                                       | STREET ADDRESS                |                                            |                                                                                   |                |
|                                        | nterprises, Inc, dba Pencol                                                    | 124464210434041504166         | olorado                                    | Blvd Ste B-024                                                                    |                |
| Pharmacy                               | 元                                                                              |                               |                                            | 21.4 200 2 02.                                                                    |                |
| Denver, CO 80                          |                                                                                | Producer                      |                                            | rile and Non-St                                                                   | erile Drugs    |
| This is a repeat F                     | DA 483, Inspection Observation, from                                           | inspection e                  | nding on 8                                 | 8/22/2016.                                                                        |                |
| Quality System                         |                                                                                |                               |                                            |                                                                                   |                |
|                                        |                                                                                |                               |                                            |                                                                                   | .e             |
| OBSERVATIO                             |                                                                                |                               |                                            |                                                                                   |                |
| The responsibil                        | ities and procedures applicable to the                                         | ne quality co                 | ontrol uni                                 | t are not in writing                                                              | ţ.             |
| Specifically,                          |                                                                                |                               |                                            |                                                                                   |                |
| specifically,                          |                                                                                |                               |                                            |                                                                                   |                |
|                                        |                                                                                |                               |                                            |                                                                                   |                |
| A) Procedures in                       | pacting the identity, strength, quality,                                       | and purity of                 | drug prod                                  | lucts have not been                                                               | established.   |
| During our inspe                       | ction, we were provided with a set of c                                        | omprehensiv                   | e standard                                 | l operating procedu                                                               | res (SOPs) for |
|                                        | acy staff. The SOPs were provided by                                           |                               |                                            |                                                                                   |                |
|                                        | erile compounding pharmacies. The S to be revised and tailored to the curren   |                               |                                            |                                                                                   |                |
|                                        | contractor provided SOPs for your pha                                          |                               |                                            |                                                                                   |                |
|                                        | Procedures were written by (b) (4)                                             | · ·                           |                                            | and made effective i                                                              |                |
|                                        |                                                                                |                               | **                                         |                                                                                   |                |
|                                        |                                                                                |                               |                                            |                                                                                   |                |
|                                        | ality control unit. Site activities that la                                    | ck quality ov                 | ersight in                                 | clude but are not lin                                                             | nited to the   |
| following:                             |                                                                                |                               |                                            |                                                                                   |                |
|                                        |                                                                                |                               |                                            |                                                                                   |                |
| 1 Complaint Ma                         | nagement - receipt, documentation, inv                                         | restigation                   |                                            |                                                                                   |                |
| ************************************** | * I                                                                            |                               |                                            |                                                                                   |                |
| 2. Equipment Ste (b) (4)               | rilization - review of equipment (b) (4) challenge testing performance and res | _                             | fication of                                | f performance, verif                                                              | ication of     |
| , , , ,                                | <u> </u>                                                                       | Juli S                        |                                            |                                                                                   |                |
| 3. Incubators - re                     | view of equipment logs                                                         |                               |                                            |                                                                                   |                |
| ANACAIDA (CALCA) TA                    |                                                                                |                               |                                            |                                                                                   |                |
| AMENDMENT 1                            |                                                                                |                               |                                            |                                                                                   |                |
|                                        | EMPLOYEE(S) SIGNATURE                                                          | 900                           |                                            |                                                                                   | DATE ISSUED    |
| SEE REVERSE<br>OF THIS PAGE            | Zachary A Bogorad, Investig<br>Zachery L Miller, Investiga                     |                               |                                            | Zachery L. Miller                                                                 | 2/26/2019      |
| OF THIS FAGE                           | Lachery I miller, investiga                                                    | 001                           |                                            | Investigator<br>Signed By Zachery L. Miller -S<br>Date Signed 02-26-2019 12 10 43 |                |
|                                        |                                                                                |                               |                                            |                                                                                   |                |
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INSPECTIONAL OBSERVATIONS

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FORM FDA 483 (09/08)

PREVIOUS EDITION OBSOLETE

| DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION |                                                  |  |  |  |
|----------------------------------------------------------------------|--------------------------------------------------|--|--|--|
| DISTRICT ADDRESS AND PHONE NUMBER                                    | DATE(S) OF INSPECTION                            |  |  |  |
| 6th & Kipling St. (P.O. Box 25087)                                   | 2/11/2019-2/26/2019*                             |  |  |  |
| Denver, CO 80225-0087<br>(303)236-3000 Fax: (303)236-3100            | FEI NUMBER 3012248071                            |  |  |  |
| NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED                   |                                                  |  |  |  |
| Tony E. Jones, Owner                                                 |                                                  |  |  |  |
| FIRM NAME                                                            | STREET ADDRESS                                   |  |  |  |
| Maple Rose Enterprises, Inc, dba Pencol<br>Pharmacy                  | 1325 S Colorado Blvd Ste B-024                   |  |  |  |
| CITY, STATE, ZIP CODE, COUNTRY                                       | . ZIP CODE, COUNTRY TYPE ESTABLISHMENT INSPECTED |  |  |  |
| Denver, CO 80222-3303                                                | Producer of Sterile and Non-Sterile Drugs        |  |  |  |

- 4. 3rd Party Calibrations and Certification review and approval of vendors and resulting data
- 5. Classified Room Monitoring review of logged temperature, humidity, and pressure results
- 6. Media Fills independent review of competency check (fingertip glove test) results
- 7. Contract Testing Laboratories qualification and approval

This is a repeat FDA 483, Inspection Observation, from inspection ending on 8/22/2016.

#### **OBSERVATION 8**

There is no written testing program designed to assess the stability characteristics of drug products.

Specifically,

Your firm's beyond use date (BUD) is not based upon completed stability studies. There is no sterility program that 1) Establishes the number and size of batches to be tested, 2) addresses accelerated studies and test intervals, 3) speaks to storage conditions (E.g. store ambient in an upright position) and the integrity of the container closure system; and, 4) specifies the testing attributes of the drug products that are susceptible to change during storage.

For example, Moxifloxacin Intracameral 150 mcg/0.1 mL Solution has a 300-day BUD based on (b) (4) test performed at (b) (4) test performed at (b) (4) test performed at (b) (4)

This is a repeat FDA 483, Inspection Observation, from inspection ending on 8/22/2016.

| SEE REVERSE<br>OF THIS PAGE |                           |                          | Zachery L Miller<br>Investigator<br>Signed by Zachery L Miller -S<br>Date Signed 02-26-2019 12 10 43 | DATE ISSUED 2/26/2019 |
|-----------------------------|---------------------------|--------------------------|------------------------------------------------------------------------------------------------------|-----------------------|
| FORM FDA 483 (09/08)        | PREVIOUS EDITION OBSOLETE | INSPECTIONAL OBSERVATION | ONS                                                                                                  | PAGE 8 of 11 PAGES    |

| DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION |                                           |  |  |  |
|----------------------------------------------------------------------|-------------------------------------------|--|--|--|
| DISTRICT ADDRESS AND PHONE NUMBER                                    | DATE(S) OF INSPECTION                     |  |  |  |
| 6th & Kipling St. (P.O. Box 25087)                                   | 2/11/2019-2/26/2019*                      |  |  |  |
| Denver, CO 80225-0087                                                | FEI NUMBER                                |  |  |  |
| (303)236-3000 Fax: (303)236-3100                                     | 3012248071                                |  |  |  |
| NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED                   |                                           |  |  |  |
| Tony E. Jones, Owner                                                 |                                           |  |  |  |
| FIRM NAME                                                            | STREET ADDRESS                            |  |  |  |
| Maple Rose Enterprises, Inc, dba Pencol                              | 1325 S Colorado Blvd Ste B-024            |  |  |  |
| Pharmacy                                                             |                                           |  |  |  |
| CITY, STATE, ZIP CODE, COUNTRY                                       | TYPE ESTABLISHMENT INSPECTED              |  |  |  |
| Denver, CO 80222-3303                                                | Producer of Sterile and Non-Sterile Drugs |  |  |  |

Laboratory System

#### **OBSERVATION 9**

Each lot of a component, drug product containers and closures liable to objectionable microbiological contamination is deficiently subjected to microbiological tests before use.

Specifically,

- A) No procedures exist and sterile pharmacist confirmed that none of your drug components or drug product containers and closures are subjected to any microbiological testing or bioburden assessment, after receipt from supplier.
- B) Your firm uses non-pharmaceutical grade water, purchased from retails stores, in the production of nonsterile drug products.

This is a repeat FDA 483, Inspection Observation, from inspection ending on 8/22/2016.

#### **OBSERVATION 10**

Testing and release of drug product for distribution do not include appropriate laboratory determination of satisfactory conformance to the final specifications and identity and strength of each active ingredient prior to release.

Specifically, not all your sterile products are released with testing for active ingredient identification and potency. For example, your Tri-mix 30mg/2mg/20mcg/mL (Papaverine, Phentolamine, Prostaglandin) finished drug

| SEE REVERSE<br>OF THIS PAGE | Zachary A Bogorad, Investigator |                          | 2/26/2019 |                    |
|-----------------------------|---------------------------------|--------------------------|-----------|--------------------|
| FORM FDA 483 (09/08)        | PREVIOUS EDITION OBSOLETE       | INSPECTIONAL OBSERVATION | ONS       | PAGE 9 of 11 PAGES |

#### DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION DISTRICT ADDRESS AND PHONE NUMBER 6th & Kipling St. (P.O. Box 25087) 2/11/2019-2/26/2019\* Denver, CO 80225-0087 3012248071 (303) 236-3000 Fax: (303) 236-3100 NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED Tony E. Jones, Owner FIRM NAME STREET ADDRESS Maple Rose Enterprises, Inc, dba Pencol 1325 S Colorado Blvd Ste B-024 Pharmacy CITY, STATE, ZIP CODE, COUNTRY TYPE ESTABLISHMENT INSPECTED Denver, CO 80222-3303 Producer of Sterile and Non-Sterile Drugs

product is dispensed without determining the identification and potency of each active ingredient of the final product.

This is a repeat FDA 483, Inspection Observation, from inspection ending on 8/22/2016.

#### **OBSERVATION 11**

The establishment of laboratory control mechanisms including any changes thereto, are not drafted by the appropriate organizational unit and reviewed and approved by the quality control unit.

Specifically,

- A) Your firm relies upon contract testing laboratories for testing to confirm the identity, potency, and purity of drug products produced on site. No qualifications have been established for 3rd party testing labs including (b) (4)
- B) You have failed to validate your supplier's certificate analysis and have not developed a program to inspect incoming components, containers, and closures used in producing your drug products, nor the COAs received with them.

## \*DATES OF INSPECTION

2/11/2019(Mon), 2/12/2019(Tue), 2/13/2019(Wed), 2/14/2019(Thu), 2/15/2019(Fri), 2/19/2019(Tue), 2/20/2019(Wed), 2/21/2019(Thu), 2/26/2019(Tue)

#### AMENDMENT 1

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|--------------|
| OF THIS PAGE |

EMPLOYEE(s) SIGNATURE
Zachary A Bogorad, Investigator
Zachery L Miller, Investigator



2/26/2019

FORM FDA 483 (09/08) PREVIOUS EDITION OBSOLETE INSPECTIONAL OBSERVATIONS PAGE 10 of 11 PAGES

# DEPARTMENT OF HEALTH AND HUMAN SERVICES FOOD AND DRUG ADMINISTRATION DISTRICT ADDRESS AND PHONE NUMBER 2/11/2019-2/26/2019\* 6th & Kipling St. (P.O. Box 25087) FEI NUMBER Denver, CO 80225-0087 3012248071 (303) 236-3000 Fax: (303) 236-3100 NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED Tony E. Jones, Owner FIRM NAME STREET ADDRESS Maple Rose Enterprises, Inc, dba Pencol 1325 S Colorado Blvd Ste B-024 Pharmacy TYPE ESTABLISHMENT INSPECTED CITY, STATE, ZIP CODE, COUNTRY Denver, CO 80222-3303 Producer of Sterile and Non-Sterile Drugs Zachary A Bogorad Investigator Signed By: Zachary A. Bogorad -S Date Signed: 02-26-2019 12:11:18

|                             | EMPLOYEE(S) SIGNATURE                                                                                                          | DATE ISSUED |
|-----------------------------|--------------------------------------------------------------------------------------------------------------------------------|-------------|
| SEE REVERSE<br>OF THIS PAGE | Zachary A Bogorad, Investigator Zachery L Miller, Investigator Signed By Zachery L Miler - S X Date Signed 02-26-2019 12 10 43 | 2/26/2019   |
| da .                        | L L                                                                                                                            | 1           |