	DEPARTMENT OF HEAL' FOOD AND DRUG		ION			
10903 New Ham	HONE NUMBER ampshire Ave,Bldg 51,Rm 4225		DATE(S) OF INSPECTION 2/12/2018-2/20/2018*			
	ngs, MD 20993 34 Fax: (301)847-8738		300846	1619		
NAME AND TITLE OF INDIVIDUA Rajesh Shashi	штоwном report issued Lkant Kulkarni, Associate Vic	e Preside	nt -OA/(OC.		
FIRM NAME	rkane Ruikaini, habaalace via	STREET ADDRESS	110 211/	×°		
Aurobindo Pha	IDA-Pash		, Plot No. 4, 34-48 EPIP, APIIC, hamylaram, Pantancheru Mandal			
	ct, Hyderabad, Telangana,			sterile drug p	roducts	
observations, and do observation, or have action with the FDA	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 INSPEC	TION OF YOUR FIRM I OBSERVED:					
Aseptic process the aseptic cond	ing areas are deficient regarding systitions.	tems for m	aintaining	g any equipment u	sed to control	
Specifically, on February 13, 2018 during the machine set-up and filling preparation for billing machine injection lot # (b)(4) injection lot # (b)(4) with black stains on the filling machine and mentioned it to the management. No action was taken by the management on that day.						
On Feb. 14, 2018, I observed that the filling is in process and the dirty is in use. Despite of informing the management of the dirty and to remove the filling of the lot was completed in the object.						
OBSERVATION 2 Equipment and utensils are not cleaned, maintained and sanitized at appropriate intervals to prevent contamination that would alter the safety, identity, strength, quality or purity of the drug product.						
SEE REVERSE OF THIS PAGE	EMPLOYEE(S)SIGNATURE Yasamin Ameri, Chemist/Biolo	ogist		Yasamin Ameri Chemis/Biologist Signed By 2001565939 Dalle Signed 02-20-2018 04 59 52	DATE ISSUED 2/20/2018	

		TH AND HUMAN SERVICE GADMINISTRATION	ES	
DISTRICT ADDRESS AND PHO			DATE(S) OF INSPECTION 2/12/2018-2/20/2018*	
Silver Spring			FEI NUMBER 3008461619	
NAME AND TITLE OF INDIVIDU				
Rajesh Shash:	ikant Kulkarni, Associate Vic		QC	
Aurobindo Pha	indo Pharma Limited - Unit IV Unit IV, Plot No. 4, 34-48 EPIP, API IDA-Pashamylaram, Pantancheru Manda			
Medak Distrio 502307 India	rry ct, Hyderabad, Telangana,	TYPE ESTABLISHMENT INSPECTED Manufacturer of sterile drug products		
These (b) (4) are OBSERVATION Equipment used	ng operation inside the aseptic fill is e used for production of (b) (4)	cking or holding of	obvious built-up injection since Ju	dirt and stains. ne 2017.
Specifically, the used for washin	e qualification of the vial washer and ag and sterilizing of (4) mL vials are a vial washer failed to demonstrate if ove bioburden from (5) mL glass injection	d ^{(b) (4)} not adequate. For exa vial washer (Eq. Id. vials that are used	ample, qualification# L-PR-QASHM	-001) is able to
	d to use statistically sound number e and (b) (4) processes.	of vials to demonstr	ate the effectivene	ess of the wash
1	vials in the (b) (4)	the representative of the cleaning of the wash of the wash of the wash of the view of the wash of the	of the lot and spi als after wash. Yo yele. The batch of 11% of the lot to o	ked those with ou placed these f the vials used
	EMOLOVECKS SIGNATURE			DATE ISSUED
SEE REVERSE OF THIS PAGE	Yasamin Ameri, Chemist/Biolo	ogist	Yasamin Ameri Chemis/Biologist Signed by 2011555939 Dalle Signed 02-20-2016 04 59 52	2/20/2018
FORM FDA 483 (09/08)	PREVIOUS EDITION OBSOLETE INS	PECTIONAL OBSERVATION	ONS	PAGE 2 OF 6 PAGES

	DEPARTMENT OF HEAL FOOD AND DRUG	TH AND HUMAN SE ADMINISTRATION	RVICES	
	STRICT ADDRESS AND PHONE NUMBER		DATE(S) OF INSPECTION	
Silver Spring	Hampshire Ave,Bldg 51,Rm 4225		2/12/2018-2/20/2018* FEI NUMBER	
	Fax: (301)847-8738	300	3008461619	
NAME AND TITLE OF INDIVIDUA	AL TO WHOM REPORT ISSUED			
_	ikant Kulkarni, Associate Vic		-QA/QC	
Aurobindo Ph	arma Limited - Unit IV	STREET ADDRESS	ot No. 4, 34-48 EPI	D ADTIC
		IDA-Pashamyl	Laram, Pantancheru ECTED	Mandal
CITY, STATE, ZIP CODE, COUN	try ct, Hyderabad, Telangana,			
502307 India	ct, nyderabad, retangana,	Manuraccurer	r of sterile drug p	roducts
2	2. During the qualification study glass vials with endotoxin and p	of the (b) (4)		piked (b) (b) mL lemonstrate the
1			f endotoxin level in th	
	placed by vials in (b) (4) different		endoloxin ievei in ui	row before
i	vials entering the (b) (4). These		ented a batch of (b) (4)	vials and were
1	less than 1% of total vials. Curre			about (b) (4)
	vials for a production of a comm			injection.
	viais for a production of a comm	ercial for or		injection.
l				
OBSERVATION			2.1	
	in the manufacture, processing, pack	_	of drug products are no	ot free of
infestation by re	odents, birds insects, and other verm	ın.		
-	uring the walkthrough of the facil			-
	a female, was observed inside r		Semi-finished produc	
_	oom is located inside the unclassif			
and is connecte	(b) (A)	s for visual insp	pection. To reach this 1	room personnel
should pass (b) so	ets of doors			
(b) (4) (b) (4)				
			rs away from the grade	
"A" areas where the filling and on activities for (b)(4) injection				
takes place.				
OBSERVATION	ON 5			
1				
1				
	EMPLOYEE(S) SIGNATURE			DATE ISSUED
SEE REVERSE	Yasamin Ameri, Chemist/Biolo	ogist		2/20/2018
OF THIS PAGE			Yasamin Ameri Chemist®lologist Signed By 2001565939 ✓ Date Signed 02-20-2018 04 59 52	
			X	
FORM FDA 483 (09/08)	PREVIOUS EDITION OBSOLETE INS	PECTIONAL OBSER	RVATIONS	PAGE 3 OF 6 PAGES

	TH AND HUMAN SERVICES G ADMINISTRATION			
DISTRICT ADDRESS AND PHONE NUMBER 10903 New Hampshire Ave, Bldg 51, Rm 4225	DATE(S) OF INSPECTION 2/12/2018-2/20/2018* FEI NUMBER			
Silver Springs, MD 20993 (301)796-3334 Fax:(301)847-8738	3008461619			
NAME AND TITLE OF INDIVIDUAL TO WHOM REPORT ISSUED Rajesh Shashikant Kulkarni, Associate Vic				
FIRM NAME Aurobindo Pharma Limited - Unit IV	Unit IV, Plot No. 4, 34-48 EPIP, APIIC, IDA-Pashamylaram, Pantancheru Mandal			
CITY, STATE, ZIP CODE, COUNTRY Medak District, Hyderabad, Telangana, 502307 India	TYPE ESTABLISHMENT INSPECTED Manufacturer of sterile drug products			
Procedures for the cleaning and maintenance of equipment are deficient regarding sufficient detail of the methods, equipment, and materials used in the cleaning and maintenance operation, and the methods of disassembly and reassembling equipment as necessary to assure proper cleaning and maintenance.				
Specifically, your firm failed to demonstrate the efficacy of the process, which is part of your cleaning activities, to eliminate contaminants in the hard to reach areas in the aseptic fill and areas (grade A & B).				
OBSERVATION 6 Employees engaged in the manufacture, processing, packing and holding of a drug product lack the training required to perform their assigned functions.				
Specifically, during the machine set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on the set-up and filling on February 13, 2018, I observed the set-up and filling on the set-up and filling on February 13, 2018, I observed the set-up and filling on the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 13, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February 14, 2018, I observed the set-up and filling on February	hat two operators inside the cleanroom cleaned the nachine's (b)(4); (b)(4) times with (b)(4) and cloth vious black marks on the (b)(4). These			

OBSERVATION 7

The statistical quality control criteria fail to include appropriate acceptance levels and rejection levels.

Specifically, your procedure for receiving and inspection of the components and packaging materials (procedure # FU4-QC-GEN-026, Sampling of packing materials) follows an unspecified level of AQL of ANSI Z1.4-2008 with no clear criteria for acceptance and rejection level. This procedure is deficient to provide clear reject and acceptance levels based on ANSI Z1.4-2008.

SEE REVERSE OF THIS PAGE	EMPLOYEE(S) SIGNATURE Yasamin Ameri, Chemist/Biologist	Yasamin Ameri Chemist/biologist 30 1555939 Valte Signed 02-20-2018 04 59 52	DATE ISSUED 2/20/2018
EOPM ED A 483 (00/09)	INSPECTIONAL OPERATOR	ONS	PAGE 4 OF 6 PAGES

	DEPARTMENT OF HEAI FOOD AND DRU	TH AND HUMA G ADMINISTRATIO		
DISTRICT ADDRESS AND PHON	DNE NUMBER		DATE(S) OF INSPECTION 2/12/2018-2/20/2018*	
Silver Spring	mpshire Ave,Bldg 51,Rm 4225 gs, MD 20993		FEI NUMBER	
(301) 796-3334	4 Fax: (301)847-8738		3008461619	
NAME AND TITLE OF INDIVIDUA	AL TO WHOM REPORT ISSUED			
_	ikant Kulkarni, Associate Vic		t -QA/QC	
Aurobindo Pha	arma Limited - Unit IV		Plot No. 4, 34-48 EPI mylaram, Pantancheru	
CITY, STATE, ZIP CODE, COUN		TYPE ESTABLISHMEN	T INSPECTED	
Medak Distriction 502307 India	ct, Hyderabad, Telangana,	Manufacturer of sterile drug products		
Specifically, late (b) (4) with look (b) (4) a) were not procedure previous	poratory control mechanisms are not boratory control is deficient in that the state of the state	t (b) (4) e identity, str laboratory o y manageme the same co	USP reference standard rength, quality and purity on In January 11, 2018: ant system (LIMS) as recontainer as other standard	ds, code #USP- of (b) (4)
Specifically, ma (b) (4) are currently in	on and control records or other records that are submitted injection, have different batch or use for commercial production. To recommercial production and master is a submitted or commercial production and submitted or	ords are instited in (b) (4) codes (document of the codes) (document of the codes) are no	uted only by authorized per forment number) than the bat traceability for the chang	or (b) (4) ch records that es made to the
*DATES OF I	NSPECTION			
SEE REVERSE OF THIS PAGE	EMPLOYEE(S) SIGNATURE Yasamin Ameri, Chemist/Biol	ogist	Vasamin Ameri Chemis (Policojas Signed By 2001;565939 X Daite (3igned 02-20-2018 04 59 52	DATE ISSUED 2/20/2018
FORM FDA 483 (09/08)	PREVIOUS EDITION OBSOLETE INS	SPECTIONAL OI	BSERVATIONS	PAGE 5 OF 6 PAGES

	DEPARTMENT OF HEAI FOOD AND DRU	LTH AND HUMA JG ADMINISTRATIO		
DISTRICT ADDRESS AND PHON	ONE NUMBER		DATE(S) OF INSPECTION 2 / 1 2 / 2 0 1 8 - 2 / 2 0 / 2 0 1 8 *	
Silver Spring	mpshire Ave,Bldg 51,Rm 4225 gs, MD 20993		2/12/2018-2/20/2018* FEI NUMBER	
	4 Fax: (301) 847-8738		3008461619	
NAME AND TITLE OF INDIVIDUA	JAL TO WHOM REPORT ISSUED			
Rajesh Shashi	ikant Kulkarni, Associate Vic	ce Preside	nt -QA/QC	
FIRM NAME		STREET ADDRESS		
Aurobindo Pha	arma Limited - Unit IV	I	Plot No. 4, 34-48 EPI	
CITY, STATE, ZIP CODE, COUN		IDA-Pashamylaram, Pantancheru Mandal		
		Manufacturer of sterile drug produc		roducts
50230/ india				
Medak District, Hyderabad, Telangana, 502307 India Manufacturer of sterile drug products 512307 India 2/12/2018(Mon), 2/13/2018(Tue), 2/14/2018(Wed), 2/15/2018(Thu), 2/16/2018(Fri), 2/19/2018(Mon), 2/20/2018(Tue)				
	т			
SEE REVERSE	EMPLOYEE(S)SIGNATURE Yasamin Ameri, Chemist/Biol	ogist	ı	2/20/2018
OF THIS PAGE	rasamin Ameri, Chemist/Bioi	.ogist	Yasamin Ameri	2/20/2018
			Chemist/Biologist Signed By 2001565939 Date Signed 02-20-2018 04 59 52	
FORM FDA 483 (09/08)	PREVIOUS EDITION OBSOLETE IN	SPECTIONAL O	BSERVATIONS	PAGE 6 OF 6 PAGES