

August 1, 2022

O & M Halyard, Inc. Angela L. Bunn Director, Global Regulatory Affairs 1 Edison Drive Alpharetta, Georgia 30005

Re: K213929

Trade/Device Name: Halyard Purple Nitrile, Powder-Free Exam Gloves Tested for Use with

Chemotherapy Drugs, Fentanyl Citrate, Simulated Gastric Acid and Fentanyl in

Simulated Gastric Acid

Regulation Number: 21 CFR 880.6250

Regulation Name: Non-Powdered Patient Examination Glove

Regulatory Class: Class I, reserved Product Code: LZA, OPJ, QDO

Dated: June 28, 2022 Received: June 30, 2022

Dear Angela Bunn:

We have reviewed your Section 510(k) premarket notification of intent to market the device referenced above and have determined the device is substantially equivalent (for the indications for use stated in the enclosure) to legally marketed predicate devices marketed in interstate commerce prior to May 28, 1976, the enactment date of the Medical Device Amendments, or to devices that have been reclassified in accordance with the provisions of the Federal Food, Drug, and Cosmetic Act (Act) that do not require approval of a premarket approval application (PMA). You may, therefore, market the device, subject to the general controls provisions of the Act. Although this letter refers to your product as a device, please be aware that some cleared products may instead be combination products. The 510(k) Premarket Notification Database located at https://www.accessdata.fda.gov/scripts/cdrh/efdocs/efpmn/pmn.cfm identifies combination product submissions. The general controls provisions of the Act include requirements for annual registration, listing of devices, good manufacturing practice, labeling, and prohibitions against misbranding and adulteration. Please note: CDRH does not evaluate information related to contract liability warranties. We remind you, however, that device labeling must be truthful and not misleading.

If your device is classified (see above) into either class II (Special Controls) or class III (PMA), it may be subject to additional controls. Existing major regulations affecting your device can be found in the Code of Federal Regulations, Title 21, Parts 800 to 898. In addition, FDA may publish further announcements concerning your device in the <u>Federal Register</u>.

Please be advised that FDA's issuance of a substantial equivalence determination does not mean that FDA has made a determination that your device complies with other requirements of the Act or any Federal

statutes and regulations administered by other Federal agencies. You must comply with all the Act's requirements, including, but not limited to: registration and listing (21 CFR Part 807); labeling (21 CFR Part 801); medical device reporting (reporting of medical device-related adverse events) (21 CFR 803) for devices or postmarketing safety reporting (21 CFR 4, Subpart B) for combination products (see https://www.fda.gov/combination-products/guidance-regulatory-information/postmarketing-safety-reporting-combination-products); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820) for devices or current good manufacturing practices (21 CFR 4, Subpart A) for combination products; and, if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21 CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to https://www.fda.gov/medical-device-problems.

For comprehensive regulatory information about medical devices and radiation-emitting products, including information about labeling regulations, please see Device Advice (https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance) and CDRH Learn (https://www.fda.gov/training-and-continuing-education/cdrh-learn). Additionally, you may contact the Division of Industry and Consumer Education (DICE) to ask a question about a specific regulatory topic. See the DICE website (https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice">https://www.fda.gov/medical-devices/device-advice-comprehensive-regulatory-assistance/contact-us-division-industry-and-consumer-education-dice) for more information or contact DICE by email (DICE@fda.hhs.gov) or phone (1-800-638-2041 or 301-796-7100).

Sincerely,

Clarence W. Murray, III, Ph.D.
Assistant Director
DHT4B: Division of Infection Control
and Plastic Surgery Devices
OHT4: Office of Surgical
and Infection Control Devices
Office of Product Evaluation and Quality
Center for Devices and Radiological Health

Enclosure

DEPARTMENT OF HEALTH AND HUMAN SERVICES Food and Drug Administration

Indications for Use

Form Approved: 0MB No. 0910-0120

Expiration Date: 06/30/2023
See PRA Statement below.

510(k) Number (if known)

K213929

Device Name

Halyard Purple Nitrile, Powder-Free Exam Gloves Tested for Use with Chemotherapy Drugs, Fentanyl Citrate, and Simulated Gastric Acid Indications for Use (Describe)

The Halyard Purple Nitrile, Powder-Free Exam Gloves are disposable devices intended for medical purposes that is worn on the examiner's hand to prevent contamination between patient and examiner. These gloves were tested for use with the following chemotherapy drugs and Fentanyl Citrate and Gastric Acid as per ASTM -D6978-05:

The following chemotherapy drugs and concentration had NO breakthrough

detected up to 240 minutes: Azacitidine (25 mg/ml) Bleomycin Sulfate (15 mg/ml)

Busulfan (6 mg/ml)
Carboplatin (10 mg/ml)
Cetuximab (2 mg/ml)
Cisplatin (1 mg/ml)

Cyclophosphamide (20 mg/ml) Cytarabine (Cytosine) (100 mg/ml) Dacarbazine (DTIC) (10 mg/ml) Daunorubicin HCl (5 mg/ml) Docetaxel (10 mg/ml)

Epirubicin HCl (Ellence) (2 mg/ml)

Fludarabine (25 mg/ml)
Fulvestrant (50 mg/ml)
Idarubicin (1 mg/ml)
Irinotecan HCl (20 mg/ml)
Mechlorethamine HCl (1 mg/ml)
Methotrexate (25 mg/ml)
Mitoxantrone (2 mg/ml)

Mitoxantrone (2 mg/ml)
Paclitaxel (6 mg/ml)
Raltitrexed (0.5 mg/ml)
Rituximab (10 mg/ml)
Topotecan HCl (1 mg/ml)
Trisenox (1 mg/ml)

Vincristine (1 mg/ml)
Zoledronic Acid (0.8 mg/ml)

Bendamustine HCI (5 mg/ml)
Bortezomib (1 mg/ml)
Capecitabine (26 mg/ml)
Carlzomib (2 mg/ml)
Chloroquine (50 mg/ml)
Cladribine (1 mg/ml)
Cyclosporin A (100 mg/ml)
Cytovene (Ganciclovir) (10 mg/ml)

Cytovene (Garciclovir) (10 mg/m)
Dactinomycin (0.5 mg/ml)
Decitabine (5 mg/ml)
Doxorubicin HCl (2 mg/ml)
Etoposide (Toposar) (20 mg/ml)
5-Fluorouracil (50 mg/ml)
Gemcitabine (38 mg/ml)
Ifosfamide (50 mg/ml)

Leuprolide Acetate Salt (5 mg/ml)

Melphalan (5 mg/ml)
Mitomycin C (0.5 mg/ml)
Oxaliplatin (5 mg/ml)
Pemetrexed (25 mg/ml)
Retrovir (10 mg/ml)
Temsirolimus (25 mg/ml)
Triclosan (2 mg/ml)

Vinblastine Sulfate (1 mg/ml) Vinorelbine (10 mg/ml)

The following chemotherapy drugs and concentration showed breakthrough detected in less than 90 minutes:

Carmustine (3.3 mg/ml) No breakthrough up to 55.3 minutes.

Thiotepa (10 mg/ml) No breakthrough up to 78.8 minutes.

Warning- Not for use with Carmustine and ThioTEPA

No breakthrough was detected up to 240 minutes for Fentanyl Citrate Injection (100 mcg/2 ml) and Simulated Gastric Acid Fluid/Fentanyl Citrate Injection Mix 50/50 Solution

Type of Use (Select one or both, as applicable)

Prescription Use (Part 21 CFR 801 Subpart D)

IX] Over-The-Counter Use (21 CFR 801 Subpart C)

CONTINUE ON A SEPARATE PAGE IF NEEDED.

This section applies only to requirements of the Paperwork Reduction Act of 1995.

DO NOT SEND YOUR COMPLETED FORM TO THE PRA STAFF EMAIL ADDRESS BELOW.

The burden time for this collection of information is estimated to average 79 hours per response, including the time to review instructions, search existing data sources, gather and maintain the data needed and complete and review the collection of information. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden, to:

Department of Health and Human Services Food and Drug Administration Office of Chief Information Officer Paperwork Reduction Act (PRA) Staff PRAStaff@fda.hhs.gov

"An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB number."



510(k)	Summary
- 10(11	, ~,

Date Summary was Prepared	July 28, 2022
510(k) Clearance Number	K213929
510(k) Submitter	O & M Halyard, Inc. 1 Edison Drive Alpharetta, GA 30005
Primary Contact for this 510(k) Submission	Angela L. Bunn, RAC Tel: 470-364-7147 Email: angela.bunn@owens-minor.com
Marketed Common Name	Halyard Purple Nitrile Powder-Free Exam Gloves
Device Submission Trade Name and Description	Halyard Purple Nitrile, Powder-Free Exam Gloves Tested for Use with Chemotherapy Drugs, Fentanyl Citrate, and Simulated Gastric Acid
Device Common Name	Medical Exam Gloves
Device Product Code and Classification Name	LZA Class I, 21 CFR §880.6250 Patient Examination Glove OQD Class I, 21 CFR §880.6250 Fentanyl and other opioid protection glove OPJ, Class 1, 21 CFR §880.6250 Medical Gloves With Chemotherapy Labeling Claims - Test For Use With Chemotherapy Drugs
Predicate Device	Halyard Purple , Powder-Free Exam Gloves Tested for Use with Chemotherapy Drugs (K200633)
Subject Device Description	The Halyard Purple Powder-Free Nitrile Exam Glove tested with Chemotherapy Drugs, Fentanyl Citrate and simulated Gastric Acid is a disposable, nitrile, powder-free, textured fingertip, ambidextrous, nonsterile patient examination glove that are chlorinated on the donning side and are packed in a cardboard dispenser box.
	The devices follow consensus standards:
	ASTM D5151-06 Standard Test Method for Detection of Holes in Medical Gloves
	ASTM D6319-10 Standard Specification for Nitrile Examination Gloves for Medical Applications
	ASTM D6124-06 Standard Test Method for Residual Powder on Medical Gloves
	ASTM D6978-05 Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs
	ISO 10993-11:2017, Biological evaluation of medical devices - Part 11: Tests for Systemic Toxicity

	ISO 10993-10: 2010: Biological evaluation of medical devices - Part 10:
	Tests for Irritation and Skin Sensitization
Indications for Use	The Halyard Purple Nitrile, Powder-Free Exam Gloves are disposable devices
	intended for medical purposes that is worn on the examiner's hand to
	prevent contamination between patient and examiner. These gloves were
	tested for use with the following chemotherapy drugs and Fentanyl Citrate
	and Gastric Acid as per ASTM -D6978-05 :
	The following chemotherapy drugs and concentration had NO breakthrough
	detected up to 240 minutes:
	Azacitidine (25 mg/ml)
	Bendamustine HCl (5 mg/ml)
	Bleomycin Sulfate (15 mg/ml)
	Bortezomib (1 mg/ml)
	Busulfan (6 mg/ml)
	Carboniatin (10 mg/ml)
	Carboplatin (10 mg/ml) Carlzomib (2 mg/ml)
	Cetuximab (2 mg/ml)
	Chloroquine (50 mg/ml)
	Cisplatin (1 mg/ml)
	Cladribine (1 mg/ml)
	Cyclophosphamide (20 mg/ml)
	Cyclosporin A (100 mg/ml)
	Cytarabine (Cytosine) (100 mg/ml)
	Cytovene (Ganciclovir) (10 mg/ml)
	Dacarbazine (DTIC) (10 mg/ml)
	Dactinomycin (0.5 mg/ml)
	Daunorubicin HCl (5 mg/ml)
	Decitabine (5 mg/ml)
	Docetaxel (10 mg/ml)
	Doxorubicin HCl (2 mg/ml)
	Epirubicin HCl (Ellence) (2 mg/ml)
	Etoposide (Toposar) (20 mg/ml)
	Fludarabine (25 mg/ml)
	5-Fluorouracil (50 mg/ml)
	Fulvestrant (50 mg/ml)
	Gemcitabine (38 mg/ml)
	Idarubicin (1 mg/ml)
	Ifosfamide (50 mg/ml) Irinotecan HCl (20 mg/ml)
	Leuprolide Acetate Salt (5 mg/ml)
	Mechlorethamine HCl (1 mg/ml)
	Melphalan (5 mg/ml)
	Methotrexate (25 mg/ml)
	Mitomycin C (0.5 mg/ml)
	Mitoxantrone (2 mg/ml)
	Oxaliplatin (5 mg/ml)
	Paclitaxel (6 mg/ml)
	Pemetrexed (25 mg/ml)
	Raltitrexed (0.5 mg/ml)
	Retrovir (10 mg/ml)

Rituximab (10 mg/ml)
Temsirolimus (25 mg/ml)
Topotecan HCl (1 mg/ml)
Triclosan (2 mg/ml)
Trisenox (1 mg/ml)
Vinblastine Sulfate (1 mg/ml)
Vincristine (1 mg/ml)
Vinorelbine (10 mg/ml)
Zoledronic Acid (0.8 mg/ml)

The following chemotherapy drugs and concentration showed breakthrough detected in less than 90 minutes:

Carmustine (3.3 mg/ml) No breakthrough up to 55.3 minutes.

Thiotepa (10 mg/ml) No breakthrough up to 78.8 minutes.

Warning- Not for use with Carmustine and ThioTEPA

No breakthrough was detected up to 240 minutes for Fentanyl Citrate Injection (100 mcg/2 ml) and Simulated Gastric Acid Fluid/Fentanyl Citrate Injection Mix 50/50 Solution

	Technological Characteristics Comparison Table			
	Subject Device K213929	Predicate Device K200633	Comparison	
FDA Product Code	OPJ, LZA, OQD	LZC, LZA, OQD	Same	
FDA Classification	Class I	Class I	Same	
Regulation Number	880.6250	880.6250	Same	
Common Name	Purple Nitrile Exam Glove	Purple Nitrile Exam Glove	Same	
Device Trade Name	Halyard Purple Nitrile, Powder-Free Exam Gloves Tested for Use with Chemotherapy Drugs, Fentanyl Citrate, Simulated Gastric Acid and Fentanyl in Simulated Gastric Acid	Halyard Purple Nitrile, Powder-Free Exam Gloves Tested for Use with Chemotherapy Drugs and Fentanyl Citrate	Similar	
Intended Use	Halyard Purple Nitrile, Powder-Free Exam Gloves are disposable devices intended for medical purposes that is worn on the examiner's hand to prevent contamination between patient and examiner. These gloves were tested for use with chemotherapy drugs listed on the label.	Halyard Purple Nitrile, Powder-Free Exam Gloves are disposable devices intended for medical purposes that is worn on the examiner's hand to prevent contamination between patient and examiner. These gloves were tested for use with chemotherapy drugs listed on the label.	Same	

Technological	The glove is a colored, nitrile,	The glove is a colored, nitrile,	Same
Characteristics	powder-free, textured fingertip,	powder-free, textured fingertip,	
	ambidextrous, patient examination	ambidextrous, patient examination	
	glove.	glove.	
Sizes of gloves	XS, S, M, L, XL	XS, S, M, L, XL	Same
Texture	Textured fingertips	Textured fingertips	Same
Sterility	Non-Sterile	Non-Sterile	Same
Biocompatibility	Based ISO 10993 Biological evaluation of Medical devices – Test for Systemic Injection, the test article was considered non-toxic. Meets the acceptance criteria. Based on ISO 10993- Biological evaluation of Medical Devices – Test for Skin Irritation, the device extracts were not found to cause a systemic response in the animal model. Meets the acceptance criteria.	Based ISO 10993 Biological evaluation of Medical devices — Test for Systemic Injection, the test article was considered non-toxic. Meets the acceptance criteria. Based on ISO 10993- Biological evaluation of Medical Devices — Test for Skin Irritation, the device extracts were not found to cause a systemic response in the animal model. Meets the acceptance criteria.	Same

Performance Data for Chemotherapy Drugs			
Results Subject Device K213929	Results Predicate Devices K200633	Remarks	
No signs of breakthrough after 4 hours for 50 chemotherapy drugs. The following drugs showed not breakthrough at 240 minutes: Azacitidine (25 mg/ml) Bendamustine HCl (5 mg/ml) Bendamustine HCl (5 mg/ml) Bortezomib (1 mg/ml) Busulfan (6 mg/ml) Carboplatin (10 mg/ml) Carlzomib (2 mg/ml) Cyclophosphamide (20 mg/ml) Cyclosporin A (100 mg/ml) Cyclosporin A (100 mg/ml) Cytovene (Ganciclovir) (10 mg/ml) Cytovene (Ganciclovir) (10 mg/ml) Cyclophospia (0.5 mg/ml)	No signs of breakthrough after 4 hours for chemotherapy drugs. The following drugs showed not breakthrough at 240 minutes: Bleomycin (15.0 mg/ml) Busulfan (6.0 mg/ml) Carboplatin (10.0 mg/ml) Cyclophosphamide (20.0 mg/ml) Cytarabine (100.0 mg/ml) Dacarbazine (DTIC) (10.0 mg/ml) Daunorubicin (5.0 mg/ml) Doxorubicin Hydrochloride (2.0 mg/ml) Ellence (2.0 mg/ml) Etoposide (Toposar) (20.0 mg/ml) Fludarabine (25.0 mg/ml) Fluorouracil (50.0 mg/ml) Gemcitabine (Gemzar) (38.0 mg/ml)	Similar	
	esults ubject Device K213929 o signs of breakthrough after 4 purs for 50 chemotherapy drugs. ne following drugs showed not reakthrough at 240 minutes: zacitidine (25 mg/ml) endamustine HCl (5 mg/ml) leomycin Sulfate (15 mg/ml) usulfan (6 mg/ml) usulfan (6 mg/ml) apecitabine (26 mg/ml) arboplatin (10 mg/ml) arboplatin (10 mg/ml) etuximab (2 mg/ml) hloroquine (50 mg/ml) isplatin (1 mg/ml) yclosporin A (100 mg/ml) yctovene (Ganciclovir) (100 mg/ml) ytovene (Ganciclovir) (10 mg/ml)	Results Jubject Device K213929 Results Predicate Devices K200633 No signs of breakthrough after 4 Jours for 50 chemotherapy drugs. The following drugs showed not reakthrough at 240 minutes: Preakthrough at 240 minute	

Daunorubicin HCl (5 mg/ml)
Decitabine (5 mg/ml)
Docetaxel (10 mg/ml)
Doxorubicin HCl (2 mg/ml)
Epirubicin HCl (Ellence) (2 mg/ml)
Etoposide (Toposar) (20 mg/ml)
Fludarabine (25 mg/ml)
5-Fluorouracil (50 mg/ml)
Fulvestrant (50 mg/ml)
Gemcitabine (38 mg/ml)
Idarubicin (1 mg/ml)
Ifosfamide (50 mg/ml)
Irinotecan HCl (20 mg/ml)
Leuprolide Acetate Salt (5 mg/ml)
Mechlorethamine HCl (1 mg/ml)

Melphalan (5 mg/ml)
Methotrexate (25 mg/ml)
Mitomycin C (0.5 mg/ml)
Mitoxantrone (2 mg/ml)
Oxaliplatin (5 mg/ml)
Paclitaxel (6 mg/ml)

Pemetrexed (25 mg/ml) Raltitrexed (0.5 mg/ml) Retrovir (10 mg/ml) Rituximab (10 mg/ml)

Temsirolimus (25 mg/ml) Topotecan HCl (1 mg/ml) Triclosan (2 mg/ml)

Trisenox (1 mg/ml) Vinblastine Sulfate (1 mg/ml)

Vincristine (1 mg/ml) Vinorelbine (10 mg/ml) Zoledronic Acid (0.8 mg/ml)

The following chemotherapy drugs and concentration showed breakthrough detected in less than 90 minutes:

Carmustine (3.3 mg/ml) No breakthrough up to 55.3 minutes.

Thiotepa (10 mg/ml) No breakthrough up to 78.8 minutes.

Warning- Not for use with Carmustine and ThioTEPA

No breakthrough was detected up to 240 minutes for Fentanyl Citrate Injection (100 mcg/2 ml) Irinotecan (20.0 mg/ml)
Mechlorethamine HCl (1.0 mg/ml)
Melphalan (5.0 mg/ml)
Methotrexate (25.0 mg/ml)
Mitomycin C (0.5 mg/ml)
Mitoxantrone (2.0 mg/ml)
Paclitaxel (Taxol) (6.0 mg/ml)
Paraplatin (10.0 mg/ml)
Rituximab (10.0 mg/ml)

Ifosfamide (50.0 mg/ml)

Fentanyl Citrate, 100 mcg/2ml

Trisonex (1.0 mg/ml)

Vincrinstine (1mg/ml)

The following drugs showed breakthrough detected in less than 30 minutes:

Carmustine (3.3mg/ml) 1.8 minutes

ThioTEPA (10.0mg/ml): 1.7 minutes

Warning- Not for use with Carmustine and ThioTEPA.

	and Simulated Gastric Acid Fluid/Fentanyl Citrate Injection Mix 50/50 Solution		
	Performance Data for Hazar	dous Drugs (opioids)	
ASTM D6978-05 Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs	The following hazardous drugs (opioids) and concentration had NO breakthrough detected up to 240 minutes: Fentanyl Citrate Injection (100 mcg/2 ml) Simulated Gastric Acid Fluid/Fentanyl Citrate Injection Mix 50/50 Solution	The following hazardous drugs (opioids) and concentration had NO breakthrough detected up to 240 minutes: Fentanyl Citrate Injection (100 mcg/2 ml)	Different

	Performance	Data	
ASTM D5151-06 Standard Test Method for Detection of Holes in Medical Gloves	Testing of the subject device shows it meets the 2.5% AQL requirement in the standards for leakage. The device meets the acceptance criteria of the standard.	Testing of the subject device shows it meets the 2.5% AQL requirement in the standards for leakage. The device meets the acceptance criteria of the standard.	Same
ASTM D6124-06 Standard Test Method for Residual Powder on Medical Gloves	Residual powder on the subject device is an average of 0.4 mg/glove within the powder-free limit of < 2 mg maximum powder per glove and meets the acceptance criteria for powder-free.	Residual powder on the subject device is an average of 0.4 mg/glove within the powder-free limit of < 2 mg maximum powder per glove and meets the acceptance criteria for powder-free.	Same
ASTM D6319-10 Standard Specification for Nitrile Examination Gloves for Medical Applications	The physical dimensions of the subject device are within the limits of the standard and the physical properties of the subject device met the requirements for tensile strength before and after aging. The subject device also met the requirement for elongation before and after aging.	The physical dimensions of the subject device are within the limits of the standard and the physical properties of the subject device met the requirements for tensile strength before and after aging. The subject device also met the requirement for elongation before and after aging.	Same
ISO 10993 Biological evaluation of medical devices	Meets acceptance criteria	Meets acceptance criteria	Same

PERFORMANCE CHARACTERISTICS OF THE SUBJECT DEVICE

Brief description	Test	Standard	Acceptance Criteria	Results
of non-clinical	Dimensions	ASTM D 6319		Meets
tests:				requirements
		Length	230 – 258 mm	
		Palm Width Size	85 – 105mm	
		Finger thickness	0.05-0.09 mm	
		Palm thickness	0.05-0.09 mm	
	Physical Properties	ASTM D 6319	AQL 4.0	Meets requirements
			Before	
			Tensile Strength: ≥14	
			MPa	
			Ultimate elongation:	

		≥500% After Tensile Strength: ≥14 MPa Ultimate elongation: ≥400%	
Freedom from Pinholes	ASTM D 6319 ASTM D 5151	AQL 2.5% No leakage	Meets requirements
Power Free	ASTM D 6124 ASTM D 6319	≤ 2 mg / glove	Meets requirements
ISO Indirect Irritation Study	ISO 10993, Part 10	Primary Irritation Index ≤ 2.0	Under the conditions of the study the device is not an irritant
ISO Systemic Toxicity Study	ISO 10993, Part 11	No animals treated with test extracts exhibit greater reaction than control animals	No evidence of systemic toxicity
ISO Dermal Sensitization	ISO 10993, Part 10	Grade < 1	Under the conditions of the study the device is not a sensitizer
Standard Practice for Assessment of Resistance of Medical Gloves to Permeation by Chemotherapy Drugs	ASTM D6978-05	No breakthrough was detected for up to 240 minutes for the drugs listed above.	Acceptance criteria: No signs of breakthrough for the subject device after 4 hours for the tested chemotherapy drugs, Fentanyl Citrate Injection (100 mcg/2ml), and Gastric Acid.

_	
(onc	lusion:
COLIC	asion.

The conclusions drawn from the nonclinical and clinical tests demonstrate that the subject device (Halyard Purple Nitrile, Powder-Free Exam Gloves Tested for Use with Chemotherapy Drugs, Fentanyl Citrate and Gastric Acid) are as safe, as effective, and performs as well as or better than the legally marketed devices cleared under K200633.