



Food and Drug Administration  
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March 23, 2015

Mölnlycke Health Care US, LLC  
Ms. Megan Bevill  
Regulatory Affairs Manager  
5550 Peachtree Parkway, Suite 500  
Norcross, GA 30092

Re: K140477

Trade/Device Name: Biogel® PI Ultra Touch™ G Surgical Glove tested for use with chemotherapy agents, Biogel® SkinSense® Surgical Glove tested for use with chemotherapy agents

Regulation Number: 21 CFR 878.4460

Regulation Name: Surgeon's glove

Regulatory Class: I

Product Code: KGO, LZC

Dated: February 18, 2015

Received: February 20, 2015

Dear Ms. Bevill:

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. 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 Federal Register.

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); good manufacturing practice requirements as set forth in the quality systems (QS) regulation (21 CFR Part 820); and if applicable, the electronic product radiation control provisions (Sections 531-542 of the Act); 21 CFR 1000-1050.

If you desire specific advice for your device on our labeling regulation (21 CFR Part 801), please contact the Division of Industry and Consumer Education at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address

<http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>. Also, please note the regulation entitled, "Misbranding by reference to premarket notification" (21CFR Part 807.97). For questions regarding the reporting of adverse events under the MDR regulation (21 CFR Part 803), please go to

<http://www.fda.gov/MedicalDevices/Safety/ReportaProblem/default.htm> for the CDRH's Office of Surveillance and Biometrics/Division of Postmarket Surveillance.

You may obtain other general information on your responsibilities under the Act from the Division of Industry and Consumer Education at its toll-free number (800) 638-2041 or (301) 796-7100 or at its Internet address

<http://www.fda.gov/MedicalDevices/ResourcesforYou/Industry/default.htm>.

Sincerely yours,

*Tejashri Purohit-Sheth, M.D.*

 Tejashri Purohit-Sheth, M.D.  
Clinical Deputy Director  
DAGRID/ODE/CDRH FOR

Erin I. Keith, M.S.

Director

Division of Anesthesiology, General Hospital,  
Respiratory, Infection Control and Dental Devices  
Office of Device Evaluation  
Center for Devices and  
Radiological Health

Enclosure

## Indications for Use

510(k) Number (if known)

K140477

Device Name

Biogel® Skinsense® Surgical Glove tested for use with chemotherapy agents

Indications for Use (Describe)

Biogel® Skinsense® Surgical Gloves are intended to be worn on the hands, usually in surgical settings, to provide barrier against potentially infectious material, and other contaminants.

In addition, these gloves were tested for use with chemotherapy drugs in accordance with ASTM D6978 Standard Practice for Assessment of Medical Gloves to Permeation by Chemotherapy Drugs:

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

Prescription Use (Part 21 CFR 801 Subpart D)

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.

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| <b>Biogel<sup>®</sup> Skinsense<sup>®</sup></b> |  |
|---|--|
| Drug and Concentration                          | Breakthrough Detection Time in Minutes<br>(0.01 $\mu\text{g}/\text{cm}^2$ / minutes) |
| Bleomycin 15 mg/ml                              | >240   |
| Busulfan 6 mg/ml                                | >240   |
| Carmustine 3.3 mg/ml                            | 60.2   |
| Cisplatin 1.0 mg/ml                             | >240   |
| Cyclophosphamide (Cytosan)<br>20 mg/ml          | >240   |
| Cytarabine 100 mg/ml                            | >240   |
| Dacarbazine (DTIC) 10 mg/ml                     | >240   |
| Doxorubicin Hydrochloride<br>2 mg/ml            | >240   |
| Ellence 2 mg/ml                                 | >240   |
| Etoposide (Toposar) 20 mg/ml                    | >240   |
| Fludarabine 25 mg/ml                            | >240   |
| Fluorouracil 50 mg/ml                           | >240   |
| Idarubicin 1 mg/ml                              | >240   |
| Ifosfamide 50 mg/ml                             | >240   |
| Mechlorethamine HCl 1 mg/ml                     | >240   |
| Melphalan 5 mg/ml                               | >240   |
| Methotrexate 25 mg/ml                           | >240   |
| Mitomycin C 0.5 mg/ml                           | >240   |
| Mitoxantrone 2 mg/ml                            | >240   |
| Paclitaxel (Taxol) 6 mg/ml                      | >240   |
| Paraplatin 10 mg/ml                             | >240   |
| Rituximab 10 mg/ml                              | >240   |
| Thiotepa 10 mg/ml                               | 75.8   |
| Trisenox 0.1 mg/ml                              | >240   |
| Vincristine Sulfate 1 mg/ml                     | >240   |

Please note that Carmustine (3.3 mg/ml) and Thiotepa (10 mg/ml) have much lower permeation times compare to other chemotherapy drugs:

- Carmustine (BCNU) (3.3 mg/ml) has a minimum breakthrough time of 60.2 minutes.
- Thiotepa (10 mg/ml) has a minimum breakthrough time of 75.8 minutes.

## Indications for Use

510(k) Number (if known)

K140477

Device Name

Biogel® PI UltraTouch™ G Surgical Glove tested for use with chemotherapy agents

Indications for Use (Describe)

Biogel® PI UltraTouch™ G Surgical Gloves are intended to be worn on the hands, usually in surgical settings, to provide barrier against potentially infectious material, and other contaminants.

In addition, these gloves were tested for use with chemotherapy drugs in accordance with ASTM D6978 Standard Practice for Assessment of Medical Gloves to Permeation by Chemotherapy Drugs:

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

Prescription Use (Part 21 CFR 801 Subpart D)

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

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[PRASStaff@fda.hhs.gov](mailto:PRASStaff@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."*

| <b>Biogel® PI UltraTouch™ G</b>        |   |
|--|---|
| <b>Drug and Concentration</b>          | <b>Breakthrough Detection Time in Minutes<br/>(0.01 µg/cm<sup>2</sup>/ minutes)</b> |
| Bleomycin 15 mg/ml                     | >240  |
| Busulfan 6 mg/ml                       | >240  |
| Carmustine 3.3 mg/ml                   | 12.1  |
| Cisplatin 1.0 mg/ml                    | >240  |
| Cyclophosphamide (Cytosan)<br>20 mg/ml | >240  |
| Cytarabine 100 mg/ml                   | >240  |
| Dacarbazine (DTIC) 10 mg/ml            | >240  |
| Doxorubicin Hydrochloride<br>2 mg/ml   | >240  |
| Ellence 2 mg/ml                        | >240  |
| Etoposide (Toposar) 20 mg/ml           | >240  |
| Fludarabine 25 mg/ml                   | >240  |
| Fluorouracil 50 mg/ml                  | >240  |
| Idarubicin 1 mg/ml                     | >240  |
| Ifosfamide 50 mg/ml                    | >240  |
| Mechlorethamine HCl 1 mg/ml            | >240  |
| Melphalan 5 mg/ml                      | >240  |
| Methotrexate 25 mg/ml                  | >240  |
| Mitomycin C 0.5 mg/ml                  | >240  |
| Mitoxantrone 2 mg/ml                   | >240  |
| Paclitaxel (Taxol) 6 mg/ml             | >240  |
| Paraplatin 10 mg/ml                    | >240  |
| Rituximab 10 mg/ml                     | >240  |
| Thiotepa 10 mg/ml                      | 15.5  |
| Trisenox 0.1 mg/ml                     | >240  |
| Vincristine Sulfate 1 mg/ml            | >240  |

Please note that Carmustine (3.3 mg/ml) and Thiotepa (10 mg/ml) have much lower permeation times compare to other chemotherapy drugs:

- Carmustine (BCNU) (3.3 mg/ml) has a minimum breakthrough time of 12.1 minutes.
- Thiotepa (10 mg/ml) has a minimum breakthrough time of 15.5 minutes

## 510(k) SUMMARY

This 510(k) summary of safety and effectiveness information is being submitted in accordance with the requirements of 21 CFR 807.92.

**Date Prepared:** March 20, 2015

**Applicant:** Mölnlycke Health Care US, LLC  
5550 Peachtree Parkway, Suite 500  
Norcross, GA 30092  
Registration number: 3004763499  
Owner/Operator Number: 8030877

**Official Correspondent:** Megan Bevill  
Regulatory Affairs Manager  
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Fax: 678-245-7746  
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**Trade/Proprietary Names:** Biogel® PI Ultra Touch™ G Surgical Glove (ref. code 421) tested for use with chemotherapy agents  
Biogel® Skinsense® Surgical Glove (ref. code 314) tested for use with chemotherapy agents

**Common Name:** Surgeon's Glove

**Device Class:** Class I

**Regulation Number:** 21 CFR 878.4460

**Product Code:** KGO [primary]  
LZC

**Predicate Device Name(s):** Biogel® PI (polyisoprene) Surgical Gloves (K050184)  
  
Biogel® Skinsense® (polychloroprene) Surgical Glove (K053102)  
  
Cardinal Health Esteem Polyisoprene Powder Free Surgical Glove (K110272)  
  
Cardinal Health (Allegance) Dermaprene Surgical Glove (K013302)

**Description of Device:**

The subject devices are disposable powder-free surgical gloves that are supplied sterile and are not made from natural rubber latex. They have been tested for use with chemotherapy agents. The

Biogel® PI UltraTouch™ G surgical gloves are made from synthetic polyisoprene material and the Biogel® SkinSense® surgical gloves are made from synthetic polychloroprene material. The gloves have been previously 510(k) cleared through K050184 and K053102 respectively.

**Reason for 510(k) Submission:**

The addition of the intended use claim ‘Tested for use with Chemotherapy Drugs’.

**Intended Use/Indication for Use:**

The Biogel® PI UltraTouch™ G and the Biogel® Skinsense® surgical gloves are intended to be worn on the hands, usually in surgical settings, to provide barrier against potentially infectious material, and other contaminants.

In addition, these gloves were tested for use with chemotherapy drugs in accordance with ASTM D6978 Standard Practice for Assessment of Medical Gloves to Permeation by Chemotherapy Drugs:

| Drug and Concentration                 | Breakthrough Detection Time in Minutes<br>(0.01 µg/cm <sup>2</sup> / minutes) |                    |
|--|---|--------------------|
|  | Biogel® UltraTouch™ G   | Biogel® Skinsense® |
| Bleomycin 15 mg/ml                     | >240  | >240               |
| Busulfan 6 mg/ml                       | >240  | >240               |
| Carmustine 3.3 mg/ml                   | 12.1  | 60.2               |
| Cisplatin 1.0 mg/ml                    | >240  | >240               |
| Cyclophosphamide (Cytosan)<br>20 mg/ml | >240  | >240               |
| Cytarabine 100 mg/ml                   | >240  | >240               |
| Dacarbazine (DTIC) 10 mg/ml            | >240  | >240               |
| Doxorubicin Hydrochloride<br>2 mg/ml   | >240  | >240               |
| Ellence 2 mg/ml                        | >240  | >240               |
| Etoposide (Toposar) 20 mg/ml           | >240  | >240               |
| Fludarabine 25 mg/ml                   | >240  | >240               |
| Fluorouracil 50 mg/ml                  | >240  | >240               |
| Idarubicin 1 mg/ml                     | >240  | >240               |
| Ifosfamide 50 mg/ml                    | >240  | >240               |
| Mechlorethamine HCl 1 mg/ml            | >240  | >240               |
| Melphalan 5 mg/ml                      | >240  | >240               |
| Methotrexate 25 mg/ml                  | >240  | >240               |
| Mitomycin C 0.5 mg/ml                  | >240  | >240               |
| Mitoxantrone 2 mg/ml                   | >240  | >240               |
| Paclitaxel (Taxol) 6 mg/ml             | >240  | >240               |
| Paraplatin 10 mg/ml                    | >240  | >240               |
| Rituximab 10 mg/ml                     | >240  | >240               |
| Thiotepa 10 mg/ml                      | 15.5  | 75.8               |
| Trisenox 0.1 mg/ml                     | >240  | >240               |

|                             |      |      |
|-----------------------------|------|------|
| Vincristine Sulfate 1 mg/ml | >240 | >240 |
|-----------------------------|------|------|

Please note that Carmustine (3.3 mg/ml) and Thiotepa (10 mg/ml) have much lower permeation times compare to other chemotherapy drugs:

For Biogel<sup>®</sup> PI UltraTouch<sup>™</sup> G surgical glove:

- Carmustine (BCNU) (3.3 mg/ml) has a minimum breakthrough time of 12.1 minutes.
- Thiotepa (10 mg/ml) has a minimum breakthrough time of 15.5 minutes

For Biogel<sup>®</sup> Skinsense<sup>®</sup> surgical glove:

- Carmustine (BCNU) (3.3 mg/ml) has a minimum breakthrough time of 60.2 minutes.
- Thiotepa (10 mg/ml) has a minimum breakthrough time of 75.8 minutes.

### **Technological Characteristics and Performance:**

The subject devices have been previously 510(k) cleared and have not undergone any modification in design or material. From a technological perspective, the subject devices remain substantially equivalent to the devices previously cleared though 510(k) K050184 and K053102. A tabular summary of features, technological characteristics and intended use is provided that includes a comparison between the subject devices and original devices cleared previously.

| <b>Summary of features and technological characteristics of the devices compared to the predicate devices</b> |   |   |   |   |
|---|---|---|---|---|
|   | <b>Subject Devices,<br/>510(k) K140477</b>  | <b>K050184 and K053102</b>  | <b>K110272</b>  | <b>K013302</b>  |
| Feature   | Biogel® PI UltraTouch™ G tested for use with chemotherapy agents<br><br>Biogel® Skinsense® tested for use with chemotherapy agents  | Biogel® PI surgical gloves (K050184)<br><br>Biogel® Skinsense® surgical gloves (K053102)                  | Sterile Polyisoprene Powder-Free Surgical Gloves Tested for Use with Chemotherapy Drugs     | Duraprene Sterile Synthetic Powder-Free Surgical Gloves Tested for Use with Chemotherapy Drugs Labeling Claim |
| Manufacturer  | Mölnlycke Health Care   | Mölnlycke Health Care   | Cardinal Health   | Allegiance Healthcare Corporation   |
| Regulation Number   | 21 CFR 878.4460   | 21 CFR 878.4460   | 21 CFR 878.4460   | 21 CFR 878.4460   |
| Common Name   | Surgeon's Glove   | Surgeon's Glove   | Surgeon's Glove   | Surgeon's Glove   |
| Regulatory Classification   | Class I   | Class I   | Class I   | Class I   |
| Product Code  | KGO (primary product code)<br>LZC (subsequent product code)   | KGO (primary product code)  | KGO<br>LZC  | KGO   |
| Material Composition  | <i>Biogel® PI UltraTouch™ G tested for use with chemotherapy agents</i><br>Synthetic Polyisoprene<br><br><i>Biogel® Skinsense® tested for use with chemotherapy agents</i><br>Synthetic Polychloroprene | <i>Biogel® PI</i><br>Synthetic Polyisoprene<br><br><i>Biogel® Skinsense®</i><br>Synthetic Polychloroprene | Synthetic polyisoprene  | Neoprene (polychloroprene)  |
| Design  | Sterile, Single Use, Powder-free,<br>Hand-specific, beaded cuff   | Sterile, Single Use, Powder-free, Hand-specific, beaded cuff  | Sterile, Single Use, Powder-free, Hand-specific, Independent Thumb, beaded cuff, lubricated | Sterile, Powder-free  |

| <b>Summary of features and technological characteristics of the devices compared to the predicate devices</b> |   |   |   |  |
|---|---|---|---|--|
|   | <b>Subject Devices,<br/>510(k) K140477</b>  | <b>K050184 and K053102</b>  | <b>K110272</b>  | <b>K013302</b>   |
| Intended Use  | <p>Surgeon’s glove that is intended to be worn on the hands, usually in surgical setting, to provide barrier against potentially infectious material, and other contaminants.</p> <p>In addition, gloves were tested for use with chemotherapy drugs in accordance with ASTM D6978 Standard Practice for Assessment of Medical Gloves to Permeation by Chemotherapy Drugs. Gloves may be worn when administering chemotherapy.*</p> <p>(*see note at bottom of table)</p> | <p>Surgeon’s glove that is intended to be worn on the hands, usually in surgical setting, to provide barrier against potentially infectious material, and other contaminants.</p> | <p>Powder-free surgeon’s glove</p>  | <p>Intended for use in environments within hospitals and other healthcare facilities. The gloves are appropriate for use during invasive and non-invasive medical procedures requiring sterility. They are intended to be worn by operating room personnel to protect a surgical wound from contamination.</p> |
| Dimensions & Physical Properties  | Meets ASTM D3577  | Meets ASTM D3577  | Meets ASTM D3577  | Not specified in 510(k) summary  |
| Freedom from Holes  | AQL meets 21 CFR 800.20 & ASTM D3577 requirements   | AQL meets 21 CFR 800.20 & ASTM D3577 requirements   | AQL meets 21 CFR 800.20 & ASTM F3577 requirements                               | AQL exceeds 21 CFR 800.21 & ASTM D3577 requirements (AQL = 1.5)  |
| Powder Residual   | Meets requirements of ≤ 2.0 mg/glove for Powder-free designation per ASTM D3577   | Meets requirements of ≤ 2.0 mg/glove for Powder-free designation per ASTM D3577   | Meets requirements of ≤ 2.0 mg/glove for Powder-free designation per ASTM D3577 | Meets requirements of ≤ 2.0 mg/glove for Powder-free designation per ASTM D6124-00   |
| Biocompatibility  |   |   |   |  |

| <b>Summary of features and technological characteristics of the devices compared to the predicate devices</b> |  |                                |   |  |
|---|--|--------------------------------|---|--|
|   | <b>Subject Devices,<br/>510(k) K140477</b>   | <b>K050184 and K053102</b>     | <b>K110272</b>  | <b>K013302</b>                                     |
| Primary Skin Irritation   | Under the conditions of the study (per ISO 10993-10), the device is not an irritant  | Meets ISO 10993-10 requirement | Gloves are non-irritating                             | Gloves show no intracutaneous reactivity           |
| Sensitization (Guinea pig closed-patch)   | Under the conditions of the study (per ISO 10993-10), the device is not a sensitizer | Meets ISO 10993-10 requirement | Gloves do not display any potential for sensitization | Gloves do not display any potential for irritation |
| Sterilization method  | Gamma Radiation  | Gamma Radiation                | Not specified in 510(k) summary                       | Not specified in 510(k) summary                    |
| Sterility Assurance Level (SAL)   | 10 <sup>-6</sup> SAL   | 10 <sup>-6</sup> SAL           | Not specified in 510(k) summary                       | Not specified in 510(k) summary                    |

\*note: The addition of the intended use claim ‘Tested for use with chemotherapy drugs’ is supported by permeation breakthrough times of chemotherapy agents. Minimum breakthrough times were determined for the subject devices using a wide range of chemotherapy drugs at the concentrations that are known to be common in standard clinical care. Comparisons are made between the subject devices and predicate devices that are currently 510(k) cleared and marketed for this specific use.

**Chemotherapy Drug Permeation Testing:**

Permeation testing was conducted to support the addition of the labeling claim: Tested for use with chemotherapy drugs. The gloves were tested according to ASTM D6978 Standard Practice for Assessment of Medical Gloves to Permeation by Chemotherapy Drugs. Minimum breakthrough times were determined for a wide range of chemotherapy drugs at the concentrations that are known to be common in standard clinical care. A tabular summary of the minimum breakthrough times is provided on the following next page. The summary provides a comparison of minimum breakthrough times between the subject devices and predicate devices that are currently 510(k) and marketed for use with Chemotherapy Drugs. These predicate devices include the Cardinal Health Esteem and Duraprene Surgical Gloves cleared through K110272 and K013302.

|   | <b>Minimum breakthrough time in minutes (0.01 µg/cm<sup>2</sup>/minute)</b> |                               |  |   |
|---|---|-------------------------------|--|---|
|   | <b>Biogel® PI<br/>UltraTouch™ G</b>   | <b>Biogel®<br/>Skinsense®</b> | <b>Cardinal<br/>Esteem<br/>K110272</b> | <b>Cardinal<br/>Duraprene<br/>K013302</b> |
| Bleomycin 15 mg/ml                      | >240  | >240                          | >240                                   | not tested                                |
| Busulfan 6 mg/ml                        | >240  | >240                          | >240                                   | not tested                                |
| Carmustine 3.3 mg/ml                    | 12.1  | 60.2                          | 0.37                                   | 0.2                                       |
| Cisplatin 1.0 gm/ml                     | >240  | >240                          | >240                                   | >240                                      |
| Cyclophosphamide 20 mg/ml               | >240  | >240                          | >240                                   | >240                                      |
| Cytarabine 100 mg/ml                    | >240  | >240                          | >240                                   | not tested                                |
| Dacarbazine 10 mg/ml                    | >240  | >240                          | >240                                   | not tested                                |
| Doxorubicin<br>Hydrochloride<br>2 mg/ml | >240  | >240                          | >240                                   | >240                                      |
| Ellence 25 mg/ml                        | not tested  | not tested                    | >240                                   | not tested                                |
| Ellence 2 mg/ml                         | >240  | >240                          | unavailable                            | not tested                                |
| Etoposide 20 mg/ml                      | >240  | >240                          | >240                                   | >240                                      |
| Fludarabine 25 mg/ml                    | >240  | >240                          | >240                                   | not tested                                |
| Fluorouracil 50 mg/ml                   | >240  | >240                          | >240                                   | >240                                      |
| Idarubicin 1 mg/ml                      | >240  | >240                          | >240                                   | not tested                                |
| Ifosfamide 50 mg/ml                     | >240  | >240                          | >240                                   | not tested                                |
| Mechlorethamine HCl<br>1 mg/ml          | >240  | >240                          | >240                                   | not tested                                |
| Melphalan 5 mg/ml                       | >240  | >240                          | >240                                   | not tested                                |
| Methotrexate 25 mg/ml                   | >240  | >240                          | >240                                   | >240                                      |
| Mitomycin 0.5 mg/ml                     | >240  | >240                          | >240                                   | not tested                                |
| Mitoxantrone 2 mg/ml                    | >240  | >240                          | >240                                   | not tested                                |
| Paclitaxel 6 mg/ml                      | >240  | >240                          | >240                                   | >240                                      |
| Paraplatin 10 mg/ml                     | >240  | >240                          | >240                                   | not tested                                |
| Rituximab 10 mg/ml                      | >240  | >240                          | >240                                   | not tested                                |
| Thiotepa 10 mg/ml                       | 15.5  | 75.8                          | 0.44                                   | 82.2                                      |
| Trisenox 0.1 mg/ml                      | >240  | not tested                    | >240                                   | not tested                                |
| Vincristine Sulfate 1 mg/ml             | >240  | >240                          | >240                                   | >240                                      |

**Conclusion:**

The subject devices are substantially equivalent to the Biogel® Surgical Gloves previously 510(k) cleared (K050184 and K053102) with respect to design, technological characteristics and intended use. The subject devices are substantially equivalent to the Cardinal Health Power-free Surgical Gloves (K110272 and K013302) with respect to the addition of the chemotherapy use labeling and the permeation testing method and results for supporting such use. Clinical data was not required to demonstrate substantial equivalence. In conclusion, the subject Biogel® PI UltraTouch™ G and Biogel® Skinsense® surgical gloves are as safe, as effective, and perform as well as the predicate devices cleared under K050184 and K053102.