



Mr. Joshua Nevels  
Contec, Inc.  
525 Locust Grove  
Spartanburg, SC 29303

January 31, 2014

Dear Mr. Nevels:

Enclosed please find a summary report detailing work performed to evaluate the cleaning efficacy of a variety of products and cleaning regimes for the removal of residual hazardous drugs from surfaces.

The PeridoxRTU cleaning system and process has been shown to effectively remove at least 99.9% of numerous hazardous drug compounds\* commonly used in sterile compounding pharmacies.

\*5-fluorouracil, Cyclophosphamide, Ifosfamide, Methotrexate, Paclitaxel were selected as marker drugs for testing. Analysis was by LC/MS/MS

All testing was performed from a standard 316 stainless steel substrate surface, supplied by Bureau Veritas North America, Inc. (BVNA). All cleaning products tested were provided to BVNA directly by Contec, Inc. (Contec). Spiking of substrate surfaces was performed in a consistent manner throughout the study using drug solutions in solvent, according to the relevant standard BVNA SOPs. Cleaning regimes were as defined by Contec (or the relevant product manufacturer for third party products when applicable), adapted to be performed in a standardized and consistent manner. The post cleaning sample collection, extraction and analysis were as defined and validated in the relevant BVNA testing methods. All testing activities were performed at the BVNA Lake Zurich Laboratory, by BVNA personnel.

If you have any questions, or need any additional information, please do not hesitate to call.

Sincerely,

Matthew J. Meiners, CIH  
Division Manager, Laboratory Services  
847-726-3720

**Bureau Veritas North America, Inc.**

*Health, Safety, & Environmental Services*

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April 7, 2016

Kedar Patel  
Senior Project Manager  
Contec, Inc.  
kpatel@contecinc.com

Dear Mr. Patel:

Attached please find a summary report (BVNA-2016-29819) detailing work performed to evaluate a study for the cleaning efficacy of the Peridox RTU<sup>®</sup> cleaning product and a standardized regime for the removal of Cisplatin residue from stainless steel testing surfaces.

The Cleaning protocol that consists of Peridox RTU cleaner and 70% IPA (Isopropyl Alcohol) pre-wetted wipers has shown to remove at least 99.5 % of Cisplatin used in sterile compounding pharmacies.

All testing was performed using 316 stainless steel as the substrate surface. Spiking of substrate surfaces were performed in a consistent manner throughout the study using Cisplatin solutions in solvent, according to the relevant standard BVNA SOPs. Cleaning regime was as defined by Contec, adapted to be performed in a standardized and consistent manner. The post cleaning sample collection, extraction and analysis were as defined and validated in the relevant BVNA testing method. All testing activities were performed at the BVNA Lake Zurich Laboratory, by BVNA personnel.

If you have any questions, or need any additional information, please do not hesitate to call.

Sincerely,

Michael Rog, M.S.  
Method Development and Validation Supervisor  
Bureau Veritas Lake Zurich Laboratory  
847-726-3721

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