

Faizyme Laboratories (Pty) Ltd in Cape Town, South Africa contracted with WuXi AppTec, Inc. for the evaluation of Virus Inactivation by their bovine pancreatic extraction process. According to Faizyme Laboratories this extraction method is used to purify the following products which they produce:

- Deoxyribonuclease
- Chymotrypsinogen
- Chymotrypsin
- Trypsinogen
- Trypsin
- Mixtures of Trypsin and Chymotrypsin
- Ribonuclease

WuXi AppTec Inc. used both DNA and RNA forms of viruses, enveloped and non-enveloped viruses, large to small sized viruses during this study. The following viruses were considered during the study:

- BVDV
- EMC
- IBR
- PPV
- Reo-3

Our results indicate that the low pH of the extraction process successfully inactivated all viruses beyond 4 logs. All this data is backed up by our final report which we issued to Faizyme Laboratories on 20 March 2015.

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