

## Certificate of Analysis for NR-31797

## Agriflu® Influenza Virus Vaccine, 2010-2011 Formula

## Catalog No. NR-31797

This reagent is the property of the U.S. Government.

**Product Description**: NR-31797 is a trivalent inactivated vaccine prepared from influenza viruses A/California/07/2009 NYMC X-181 (H1N1)pdm09, A/Victoria/210/2009 NYMC X-187 (H3N2) (an A/Perth/16/2009-like virus) and B/Brisbane/60/2008 that were predicted to circulate in the United States during the 2010 to 2011 influenza season.

Lot<sup>1</sup>: 107001 Manufacturing Date: 2010

| TEST   | SPECIFICATIONS  | RESULTS   |
|--|---|---|
| Appearance   | Report results  | Clear and colorless   |
| Hemagglutinin Content A/California/07/2009 NYMC X-181 (H1N1)pdm09 A/Victoria/210/2009 NYMC X-187 (H3N2) B/Brisbane/60/2008       | 15 µg per syringe<br>15 µg per syringe<br>15 µg per syringe   | 15 μg per syringe<br>15 μg per syringe<br>15 μg per syringe   |
| Hemagglutinin Concentration A/California/07/2009 NYMC X-181 (H1N1)pdm09 A/Victoria/210/2009 NYMC X-187 (H3N2) B/Brisbane/60/2008 | 30 µg per mL<br>30 µg per mL<br>30 µg per mL  | 30 μg per mL<br>30 μg per mL<br>30 μg per mL  |
| Residual Components Formaldehyde Polysorbate 80 Cetyltrimethylammonium bromide (CTAB) Neomycin Kanamycin                         | ≤ 10 µg per syringe<br>≤ 50 µg per syringe<br>≤ 12 µg per syringe<br>≤ 0.02 µg per syringe<br>≤ 0.03 µg per syringe | ≤ 10 µg per syringe<br>≤ 50 µg per syringe<br>≤ 12 µg per syringe<br>≤ 0.02 µg per syringe <sup>2</sup><br>≤ 0.03 µg per syringe <sup>2</sup> |

<sup>&</sup>lt;sup>1</sup>NR-31797 contains a pre-filled (0.5 mL) syringe.

**Date:** 09 MAY 2013

Signature:

Title:

Technical Manager, BEI Authentication or designee

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the manufacturer to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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BEI Resources www.beiresources.org E-mail: contact@beiresources.org

Tel: 800-359-7370 Fax: 703-365-2898

<sup>&</sup>lt;sup>2</sup>Determined by calculation.