

## **Certificate of Analysis for NR-21987**

## FluMist® Influenza Vaccine Live, Intranasal Spray, 2010-2011 Formula

Catalog No. NR-21987

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

**Product Description:** NR-21987 is a live, trivalent vaccine that produces the hemagglutinin and neuraminidase surface antigens from reassortant influenza viruses A/California/07/2009 (H1N1)pdm09, A/Perth/16/2009 (H3N2) and B/Brisbane/60/2008 that were predicted to circulate in the United States during the 2010 to 2011 influenza season.

Lot: 501006P Manufacturing Date: 2010

TEST	SPECIFICATIONS	RESULTS
Appearance	Report results	Colorless to pale yellow Clear to slightly cloudy
Infectivity per Single-Use Sprayer A/California/07/2009 (H1N1)pdm09 reassortant A/Perth/16/2009 (H3N2) reassortant B/Brisbane/60/2008 reassortant	$10^{6.5}$ to $10^{7.5}$ fluorescent focus units (ffu) $10^{6.5}$ to $10^{7.5}$ ffu $10^{6.5}$ to $10^{7.5}$ ffu	10 <sup>6.5</sup> to 10 <sup>7.5</sup> ffu 10 <sup>6.5</sup> to 10 <sup>7.5</sup> ffu 10 <sup>6.5</sup> to 10 <sup>7.5</sup> ffu

Date: 09 MAY 2013 Signature:

Title: Technical Manager, BEI Authentication or designee

ATCC<sup>®</sup>, 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<sup>®</sup>'s knowledge.

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