

Certificate of Analysis for NR-19879

Fluzone® Influenza Virus Vaccine, 2009-2010 Formula

Catalog No. NR-19879

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Product Description: NR-19879 is a split-virus vaccine prepared from influenza viruses A/Brisbane/59/2007 IVR-148 (H1N1), A/Uruguay/716/2007 NYMC X-175C (H3N2) [an A/Brisbane/10/2007 (H3N2)-like virus] and B/Brisbane/60/2008 that were predicted to circulate in the United States during the 2009 to 2010 influenza season.

Lot: UT3251AA Manufacturing Date: 2009

TEST	SPECIFICATIONS	RESULTS
Appearance	Report results	Slightly opalescent liquid
Hemagglutinin Content A/Brisbane/59/2007 IVR-148 (H1N1) A/Uruguay/716/2007 NYMC X-175C (H3N2) B/Brisbane/60/2008	15 µg per syringe 15 µg per syringe 15 µg per syringe	15 μg per syringe 15 μg per syringe 15 μg per syringe
Hemagglutinin Concentration A/Brisbane/59/2007 IVR-148 (H1N1) A/Uruguay/716/2007 NYMC X-175C (H3N2) B/Brisbane/60/2008	30 µg per mL 30 µg per mL 30 µg per mL	30 μg per mL 30 μg per mL 30 μg per mL
Stabilizers Gelatin	0.05%	0.05%
Residual Components Formaldehyde Polyethylene glycol p-isooctylphenyl ether Sucrose	≤ 100 µg per syringe ≤ 0.02% ≤ 2.0%	≤ 100 µg per syringe ≤ 0.02% ≤ 2.0%

¹NR-19879 contains a box of 10 pre-filled (0.5 mL) syringes.

Date: 19 AUG 2010

Signature: Jaku Cua

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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