

Certificate of Analysis for NR-19878

Fluzone® Influenza Virus Vaccine, 2009-2010 Formula

Catalog No. NR-19878

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

Product Description: NR-19878 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: UT3171DA 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	7.5 µg 7.5 µg 7.5 µg	7.5 µg 7.5 µg 7.5 µg
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	≤ 50 μg ≤ 0.02% ≤ 2.0%	≤ 50 μg ≤ 0.02% ≤ 2.0%

¹NR-19878 contains a pre-filled 0.25 mL syringe.

Date: 28 OCT 2010 Signatur

Title: Technical Manager, BEI Authentication or designee

Dorothy C. Young

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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E-mail: contact@beiresources.org
Tel: 800-359-7370

Fax: 703-365-2898

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