

## **Certificate of Analysis for NR-51702**

## Fluzone® Quadrivalent Influenza Vaccine, 2018-2019 Formula

## Catalog No. NR-51702

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

## **Product Description:**

Fluzone<sup>®</sup> Quadrivalent Influenza Vaccine, 2018-2019 Formula is an inactivated influenza virus vaccine prepared from four strains of influenza viruses propagated in embryonated chicken eggs.

Lot: UT6261JA<sup>1</sup> Manufacturing Date: 2018

TEST	SPECIFICATIONS	RESULTS
Appearance	Report results	Clear to slightly opalescent liquid
Hemagglutinin Content A/Michigan/45/2015 X-275 (H1N1) A/Singapore/INFIMH-16-0019/2016 IVR-186 (H3N2) B/Phuket/3073/2013 (B Yamagata lineage) B/Maryland/15/2016 BX-69A (B Victoria lineage)	15 μg 15 μg 15 μg 15 μg	15 µg 15 µg 15 µg 15 µg
Hemagglutinin Concentration A/Michigan/45/2015 X-275 (H1N1) A/Singapore/INFIMH-16-0019/2016 IVR-186 (H3N2) B/Phuket/3073/2013 (B Yamagata lineage) B/Maryland/15/2016 BX-69A (B Victoria lineage)	30 µg per mL 30 µg per mL 30 µg per mL 30 µg per mL	30 µg per mL 30 µg per mL 30 µg per mL 30 µg per mL
Residual Components Formaldehyde Triton® X-100	≤ 100 µg ≤ 250 µg	≤ 100 μg ≤ 250 μg

<sup>&</sup>lt;sup>1</sup>NR-51702 consists of 0.5 mL prefilled syringe. This vaccine preparation is being released <u>for research use only</u> and not for human use. Vaccines produced for the 2018-2019 season are now past their expiration dates (EXP. 30JUN2019). All quality control testing completed and provided by Sanofi Pasteur, Inc.

/Heather Couch/

Heather Couch 15 AUG 2019

Program Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected 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.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

BEI Resources www.beiresources.org E-mail: <a href="mailto:contact@beiresources.org">contact@beiresources.org</a>
Tel: 800-359-7370

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