

# Certificate of Analysis for NR-59616

### Fluzone® Quadrivalent Influenza Vaccine, 2022-2023 Formula

#### Catalog No. NR-59616

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

#### **Product Description:**

Fluzone<sup>®</sup> Quadrivalent Influenza Vaccine, 2022-2023 Formula is an inactivated influenza virus vaccine prepared from four strains of influenza viruses propagated in embryonated chicken eggs.

Lot: UT7689MA Manufacturing Date: 2022

TEST	SPECIFICATIONS	RESULTS
Appearance	Report results	Clear to slightly opalescent liquid
Hemagglutinin Content		
A/Victoria/2570/2019 IVR-215 (H1N1)	15 μg	15 µg
A/Darwin/9/2021 SAN-010 (H3N2)	15 μg	15 µg
B/Phuket/3073/2013 (B Yamagata lineage)	15 μg	15 µg
B/Michigan/01/2021 (B Victoria lineage)	15 μg	15 µg
Hemagglutinin Concentration		
A/Victoria/2570/2019 IVR-215 (H1N1)	30 μg/mL	30 μg/mL
A/Darwin/9/2021 SAN-010 (H3N2)	30 μg/mL	30 μg/mL
B/Phuket/3073/2013 (B Yamagata lineage)	30 μg/mL	30 μg/mL
B/Michigan/01/2021 (B Victoria lineage)	30 μg/mL	30 μg/mL
Residual Components		
Formaldehyde	≤ 100 µg	≤ 100 µg
Triton® X-100	≤ 250 µg	≤ 250 µg

## /Sonia Bjorum Brower/

Sonia Bjorum Brower

27 SEP 2024

Technical 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 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