



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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USA

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CERTIFICATE OF ANALYSIS

Catalog #: 8505 **Lot #** M29549017

Description: HAV Grade II Concentrate

Viral Stain: pHM175

Source: Grown in FRhK-4 Cells
Product manufactured in the United States, using only domestic animal materials.

Format: Purified Liquid **Exp. Date:** 05 APR 2022

Identity: Western Blot Assay
Acceptable Result: Must demonstrate a major band in the region of 33kD and at least 1 band in the 24 – 27kD region. The 33kD band must co-migrate with that in the standard lane.
Testing Results: Pass

Silver Stain Assay
Acceptable Result: Must demonstrate a major band in the region of 33kD and at least 1 band in the 24 – 27kD region. The 33kD band must co-migrate with that in the standard lane.
Testing Results: Pass

Protein Concentration: BCA Assay:
Acceptable Range: $\geq 25\mu\text{g/mL}$
Testing Results: 33 $\mu\text{g/mL}$

EIA Titer: ELISA Assay:
Acceptable Range ≥ 330
Testing Results: 354

Reference Antigen Lot Number: M23406014
Reference Antigen Titer: 300
% Difference to Reference Antigen: 18%

Infectivity: Plaque Assay:
Acceptable Results < 1 PFU/mL
Testing Results: 0 PFU/mL

Bioburden: Acceptable Range: 0 CFU/mL
Testing Results: 0CFU/mL



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Buffer: NTE Buffer: 0.01M Tris, 0.15M Sodium Chloride, 1.0mM EDTA, pH 8.0 – 8.4, Formalin: <1:2000 by volume

Preservative: 0.085% Sodium Azide

Applications: Each laboratory should determine an optimum working titer for use in its particular application

Storage: Store at $\leq -65^{\circ}\text{C}$. Avoid multiple freeze/thaw cycles.

Safety Notes: Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Signature

14 July 2017

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY