

5171 Wilfong Road Memphis, TN 38134 USA

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## CERTIFICATE OF ANALYSIS

Catalog #:

8198

Lot #

M26623015

Description:

HAV

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:

21 JUL 2019

**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 (Calculation): Acceptable Range: ≥ 4 μg/mL

Testing Results: 4.0 µg/mL

**EIA Titer:** 

ELISA Assay:

Acceptable Range > 270 Testing Results: 400

Infectivity:

Plaque Assay:

Acceptable Results< 1 PFU/mL Testing Results: 0 PFU/mL

Bioburden:

Acceptable Range: 0 CFU/mL

Testing Results: 0 CFU/mL



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**Buffer:** 

NTE Buffer: 0.01M Tris, 0.15M Sodium Chloride, 1.0mM EDTA, pH 8.0 - 8.4,

Preservative:

0.085% Sodium Azide

Inactivation:

Formalin inactivated, Formalin concentration < 1:8000 by volume

**Applications:** 

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

**Storage:** 

Store at  $\leq$  -65°C. Avoid multiple freeze/thaw cycles.

**Safety Notes:** 

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

ignature

25 October 2017

Date