

CERTIFICATE OF ANALYSIS

Catalog #: Page: 1 of 2	8505	Lot #	M42360022
Description:	HAV Grade II Concentrate		
Viral Strain:	pHM175		
Source:	Grown in FRhK-4 Cells Product manufactured in the United States, using only domestic animal materials.		
Format:	Purified Liquid	Exp. Date:	03 Oct 2027
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: 25 $\mu\text{g/mL}$	DOM:	03 Oct 2022
EIA Titer:	ELISA Assay: Acceptable Range: ≥ 330 Testing Results: 414 Reference Antigen Lot Number: Q05211546 Reference Antigen Titer: 300 % Difference to Reference Antigen: 38 %		
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, 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.

Quality Signature:



07 Nov 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY