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## CERTIFICATE OF ANALYSIS

Catalog #:

A66400S

Lot #:

M43250022

**Description:** 

Sheep  $IgG, \ge 70 \text{ mg/mL}$ 

Sheep immunoglobulin G (IgG), ≥ 70 mg/mL

Source:

Sheep Serum from USA

Normal sheep serum, obtained from normal, healthy sheep under USDA guidelines.

Format:

Purified, Liquid

Exp. Date:

28 JUL 2028

Purification:

Caprylic acid/Sodium sulfate precipitation followed by low iconic strength dialysis

Product is 0.2 µm filtered

DOM:

28 JUL 2022

**Purity:** 

by SDS-PAGE (reduced, 5 µg load)

Acceptable Range: ≥ 90%

Testing Results: 99.0 %

Protein

Concentration:

OD 280nm Assay ( $E^{0.1\%} = 1.4$ ):

Acceptable Range: 70 - 77 mg/mL Testing Results: 72.5 mg/mL

Bioburden:

Microbial Culture Test

Acceptable Range: ≤ 5 CFU/mL Testing Results: 0 CFU/mL

Buffer:

10 mM Sodium Phosphate, 150 mM Sodium Chloride, pH 7.0 - 7.4

Preservative:

0.05% ProClin® 300

Storage:

Store at -20°C. Slight precipitation may occur on storage which can be removed by centrifugation and/or

filtration and should not affect performance.

Safety Note(s):

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

Quality Signature;

27 September 2022

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY