

Certificate of Analysis

PRODUCT: Custom Goat Gamma Globulin**CODE NO:** 60999**LOT NO:** 34044***DATE OF
MANUFACTURE:** December 6, 2022**STORAGE:** 2-8 °C**ORIGIN:** U.S.A.**EU 142/2011:** N/A**EU
REQUIREMENTS:** N/A

PROCEDURE: The goat serum was obtained from non-USDA approved facility. The processing of the serum was performed at AR-TEC 0007. Goat gamma globulin is purified from normal goat serum using different fractionation procedures followed by extensive dialysis against low ionic strength buffer and finally lyophilization. To help eliminate diseases that might be carried in animal blood products, the pH of the gamma globulin is adjusted to <5.0 for a minimum of 3 hours during one of the fractionation processes.

This custom preparation was dissolved in 0.01M Phosphate 0.15M NaCl solution and re-lyophilized.

RECONSTITUTION: Reconstitute in at least 0.2% NaCl solution, or as needed

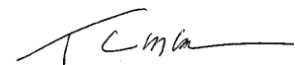
ASSAYS: Reported results are before custom processing.

Required Assays	Specification	Result
Serum Protein Electrophoresis	≥ 98%	>99%
Protein by Weight, O.D. 280 nm E ^{1%} 1.39	≥ 85%	95%
Moisture Content	For information only	4.51%

QUALITY ASSURANCE

Quality Control Release Date:

December 18, 2022

Theresa Kwasny
Director of Quality**Meets or exceeds specifications** ☒**Does not meet specifications** ☐**SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES**