

Biologicals Division

219 North Arkansas St.
205 North Arkansas
Rogers, Arkansas 72756

(479) 636-4361 Fax (479) 636-3562
(800) 643-3426

Pel-Freez®

Certificate of Analysis

PRODUCT: Goat Gamma Globulin
CODE NO: 22005
LOT NO: 19834
STORAGE: 2-8°C
DATE OF MANUFACTURE: **July 16, 2012**
COUNTRY OF ORIGIN: U.S.A.
RECONSTITUTION: Reconstitute in at least 0.2% NaCl solution.

PROCEDURE: 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.

ASSAYS: Serum Protein Electrophoresis
This lot of Goat Gamma contains >98.0 % gamma globulin as determined by serum protein electrophoresis (percent of the total protein present).

Protein by Weight - O.D. 280 nm $E^{1\%}_{1cm}$ is 86%
Residual salts, lipids, etc. comprise the rest of the weight.

Moisture: 3.73%

QUALITY ASSURANCE

Quality Control Release Date: August 16, 2012

Meets or exceeds specifications ✓

Does not meet specifications

Burke Denhart

SUITABLE FOR FURTHER MANUFACTURE OR RESEARCH PURPOSES