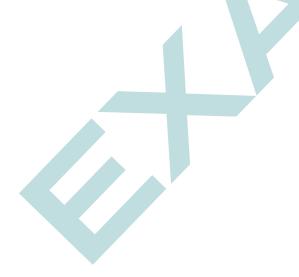


## **Certificate of Analysis**

| Date of Manufacture: | July 18, 2023                                  |  |  |
|----------------------|--|--|--|
| Expiration Date:     | July 18, 2025                                  |  |  |
| Product Description: | Bovine Gamma Globulin                          |  |  |
|                      | High Purity                                    |  |  |
|                      | Lyophilized Powder                             |  |  |
|                      | For Research or Further Manufacturing Use Only |  |  |
| Lot Number:          | BBG2199101                                     |  |  |
| SKU Number:          | 51001  |  |  |
| Storage Conditions:  | 2°C to 8°C                                     |  |  |

## Analysis

| Analyte             | Specification          | <u>Result</u> | <u>Method</u>               |
|---------------------|------------------------|---------------|-----------------------------|
| Appearance          | White Amorphous Flakes | Pass          | Visual Inspection           |
| Purity              | ≥ 96.0%                | 100.0%        | Agarose Gel Electrophoresis |
| Protein (Dry Basis) | ≥ 96.0%                | 98.7%         | Nitrogen Analysis           |
| Moisture            | ≤ 5.0%                 | 1.7%          | Loss on Drying              |
| рН                  | 6.8 to 7.2             | 7.1           | 7% solution in water        |
| Sodium              | ≤ 10.0 mg/g            | 0.1 mg/g      | ICP                         |
| Chloride            | ≤ 24.0 mg/g            | 3.8 mg/g      | Chloride Analyzer           |



Date