


Certificate of Analysis

Date of Manufacture: 29 January 2020
 Date of Expiry: 28 January 2025
 Product Description: Bovine Serum Albumin Lyophilized Powder Sulfhydryl Blocked Grade
 Lot Number: **NZ20-69115-001**
 SKU: 69115

Analysis:

| <u>Analyte</u> | <u>Specification</u> | <u>Result</u> | <u>Method</u> |
|----------------------------------|-----------------------|---------------|--|
| Purity | ≥ 98.0% | 100.0% | Agarose Gel |
| Protein (Dry Basis) | ≥ 98.0% | 100.7% | By calculation |
| Moisture | ≤ 5.0% | 1.7% | AOAC 930.15 |
| BlgG | None Detected | None Detected | Turbidimetric Analysis |
| Sodium | ≤ 15.0 mg/g | 5.6 mg/g | ICP-OES |
| Chloride | ≤ 6.0 mg/g | 0.1 mg/g | Titration |
| Free Sulfhydryl Content | ≤ 0.1 mol/mol albumin | None Detected | DTNB Assay |
| pH 7% Solution (Temp) | 6.5-7.5 (Ambient) | 7.1 (Ambient) | 7% Solution in H ₂ O (Modified) |
| Absorbance | ≤ 0.100 O.D. | 0.005 O.D. | DTNB Assay (380nm-500nm) |
| Protease | None Detected | None Detected | Enzymatic |
| Asepsis | None Detected | None Detected | Culture |
| BVD Virus | None Detected | None Detected | Virus Isolation |
| Mycoplasma | None Detected | None Detected | Culture |
| Pathogen Inducing Cytopathy | None Detected | None Detected | Virus Isolation |
| Pathogen Inducing Haemadsorption | None Detected | None Detected | Virus Isolation |



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Quality Department

06-May-2020

Date