

Certificate of Analysis

Product Name : Bovine Serum Albumin, IgG & Lipid Free, Cell Culture Tested

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|-------------------------------|--|
| Cat No : CA068 | Lot No : 06202411 |
| Expiration Date : Jun, 2027 | Country of Raw Material Origin : United States |
| Lyophilized | Country of Final Processing : United States |
| Store at 2 to 8°C in the dark | |

| TEST | Method | Specification | Result |
|-------------------|-----------------------------|-------------------------------------|------------------|
| Appearance | Visual Inspection | White to yellow with tan | PASS |
| Solubility | Visual Inspection | Clear to slightly hazy faint yellow | PASS |
| Protein (db) | Nitrogen Analysis | ≥ 98 % | 99.9 % |
| Purity | Agarose Gel Electrophoresis | ≥ 98 % | 99.2 % |
| Moisture | Loss and Drying | ≤ 5.0 % | 0.7 % |
| pH | 10% solution in water | 6.5 to 7.5 | 6.9 |
| Ash | Residue on Ignition | ≤ 2 % | 0.8 % |
| NEFA | Enzymatic Assay | ≤ 0.01 % | ≤ 0.002 % |
| Protease | Enzymatic Assay | ≤ 0.005 Units/mg | ≤ 0.005 Units/mg |
| Bovine IgG | Turbidmetric Analysis | None Detected | None Detected |
| Endotoxin | LAL | ≤ 3 EU/mg | ≤ 0.1 EU/mg |
| Heavy Metals (Pb) | ICP | ≤ 10 ppm | ≤ 0.5 ppm |

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