

Bovine Serum Albumin- Standard Heat Shock, US Origin

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|------------------------|----------------------|----------------------|-----------------------------|-------------------|
| Product Number: | BSA - BSH-25G | BSA - BSH-05K | Lot Number: | 20160912AS |
| | BSA - BSH-1XG | BSA - BSH-10K | Date of Manufacture: | 09/2016 |
| | BSA - BSH-5XG | BSA - BSH-SMP | Expiration Date: | 09/2021 |
| | BSA - BSH-01K | BSA - BSH-CSP | Storage Temperature: | 2 - 8° C |
| | BSA - BSH-03K | | | |



BASIS FOR RELEASE

NOT FOR HUMAN OR ANIMAL CONSUMPTION

| CHEMICAL ANALYSIS | | | |
|--|--------------------|---------------------------------|-------------|
| TEST | METHOD | SPECIFICATION | RESULT |
| <small>Tests performed in 4% solution unless otherwise noted</small> | | | |
| Appearance | Visual | Off White to Light Brown Powder | Pass |
| Calcium | Chemistry Analyzer | ≤ 7.5 mg/dL | < 5.0 mg/dL |
| Chloride | Chemistry Analyzer | As Reported | < 10 mEq/L |
| Moisture | Karl Fischer | As Reported | 2.6% |
| pH (1% solution) | pH Meter | As Reported | 7.5 |
| Potassium | Chemistry Analyzer | As Reported | < 1 mEq/L |
| Purity | Electrophoresis | ≥ 96% | 99% |
| Sodium | Chemistry Analyzer | As Reported | < 5 mEq/L |
| Total Protein | Chemistry Analyzer | As Reported | 3.9 g/dL |

STATEMENT OF ORIGIN

Raw serum used in the manufacture of this product was obtained from approved suppliers collecting from abattoirs in the United States from traceable animals originating from the United States. Full health, traceability, and required regulatory documentation are maintained under RMBIO's quality systems. The serum was processed, filtered, and finished in the United States.

BSE/TSE STATEMENT

The United States of America is recognized as having negligible BSE/TSE risk by the World Organization for Animal Health (OIE).

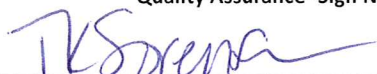
ISIA CERTIFICATE TRACEABILITY

All raw serum is certified by the International Serum Industry Association (ISIA) to be sourced in accordance with their strict guidelines. (www.serumindustry.org).

EUROPEAN UNION ELIGIBILITY

Product meets European Union requirements for production of technical blood products.

Approval

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| Quality Assurance- Print Name: Terri Sorensen | Quality Assurance- Sign Name:  | Date: 21 Jul 2017 |
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