

**Certificate of Analysis**

**Bovine Serum Albumin**

**Powder**

Product	Description	Catalogue-No.	Size
BSA	Bovine Serum Albumin (BSA), Fraction V, US origin, lyophilized powder	P06-1391000	1000 g
		P06-1391500	500 g
		P06-1391250	250 g
		P06-1391100	100 g
		P06-1391050	50 g
		P06-1391025	25 g
		P06-1391015	5 g

**Lot No.:** H210914

**Date of production:** October 30, 2020

**Composition:** Bovine Albumin > 98%

**Storage conditions and stability:**

Storage: 2-8°C  
 Stability: 10/2023

Specification	Acceptance criteria	Result
Appearance	off white to amber	off white
Protein (db)	≥ 98%	100.1 %
Purity	≥ 98%	100 %
IgG	below detectable limits	below detectable limits
pH value, (10% solution)	6.5 – 7.5	6.9
Protease	≤ 0.005 Units/mg	< 0.005 Units/mg
Loss on drying	≤ 5.0% w/w	0.9 %
Ash	< 2 %	1.1 %
Heavy Metals (Pb)	≤ 10 ppm	< 0.48 ppm
Endotoxin	≤ 3 EU/mg	< 0.1 EU/mg
Vesicular stomatitis	negative	negative
Bluetongue	negative	negative

**Application and characteristics**

Typically used for manufacturing and in immunodiagnostic assays such as EIA, RIA and ELISA blocking systems.

- Highly purified product absent of protease
- Full traceability of raw material
- Manufactured under cGMP in USDA-registered plant

Prepared from bovine plasma or serum obtained from cattle less than 30 months old which have received ante and post mortem inspection by US veterinary service inspectors in USDA inspected facilities.

**Suitability**

FOR RESEARCH USE ONLY!

Not approved for human or animal diagnostic or therapeutic procedures. Not for consumption.

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**Date: Sep/10/2021**