



BOVAL COMPANY, LP
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LY-0081
Lyophilized Bovine Serum Albumin,
Protease Free

Description

LY-0081 is an off-white, 98% minimum, lyophilized BSA powder adjusted to pH 7.0 processed to be essentially free of any detectable protease. LY-0081 is suitable for diagnostic reagent manufacturing and used for immunodiagnostic assays such as EIA, RIA and ELISA blocking systems. LY-0081 is also a model protein used for blood banking reagents.

Product Features

- Highly purified product absent of protease
- Complete traceability of raw materials and finished product
- Highly soluble, crystalline powder that forms clear, particle-free solutions with water
- Manufactured under current Good Manufacturing Practices in a USDA-site registered facility
- Incoming feed stock only collected from U.S.-origin healthy animals that undergo extensive ante- and post-mortem inspections according to strict USDA requirements
- Available for Export under EU 1774
- Superior Customer and Technical Support

Analysis

	<u>Specification</u>	<u>Typical</u>
Protein Purity	Not less than 98%	100%
Presence of Protease	None Detected	None Detected
Moisture	Not more than 5%	0.7%
pH, 10%	6.7 – 7.3	6.9
Conductivity, 10%	Maximum 3,000 µS	1,050
Sodium content	Maximum 50 mEq/L	21
Chloride content	Maximum 50 mEq/L	1
Presence of IgG	Below Detectable Limits	Below Detectable Limits
Absorbance@440 nm	< 0.100	0.060
Absorbance @550nm	<0.100	0.024
Microbial Content	Maximum 3 CFU/mL	0
Virus Testing		
<i>Vesicular stomatitis</i>	Negative	Negative
<i>Bluetongue</i>	Negative	Negative

Storage Recommendations

Store up to 3 years at 2 - 25°C