

SPECIFICATION

Albumin, Low Endotoxin and Protease-Free Bovine Plasma

GENERAL INFORMATION

Catalogue Number	100-30	Storage Temperature	2 – 8°C
CAS Number	9048-46-8	Storage Note	Protect from moisture
Molecular Weight	66,430	Shipping Note	Cold packs

PRODUCT INFORMATION

Source	Bovine plasma
Form	Lyophilized powder
Appearance	White to yellow, tan to green cast powder
Solubility	Clear to slightly hazy, yellow to yellow-green (4% solution in water)
Purity	≥ 98% (Electrophoresis)
Protein	≥ 98% (Elemental analysis, dry basis)
Na	Report (mg/g)
Cl	Report (mg/g)
Ca	Report (mg/g)
K	Report (mg/g)
Water	≤ 5% (Loss on drying)
Protease	≤ 0.005 U/mg (Enzymatic)
Bovine IgG	Not detected (Turbidimetric)
pH	6.5 – 7.5 (10% solution in water)
Ash	< 2% (Residue on ignition)
Endotoxin	≤ 3 EU/mg (LAL)
Heavy metals	≤ 10 ppm as Pb (ICP)
Recertification	Five years from the date of manufacture

HANDLING INFORMATION

Reconstitution	Add 1 mL high purity water or neutral buffer of choice per 100 mg albumin. Swirl or mix gently until the powder is dissolved. Dispense into single use aliquots and store at -20°C.
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The animal source of this product was collected at a USDA licensed establishment. The animals received ante mortem health inspection at the abattoir by a US FSIS inspector, and they were apparently free from infectious and contagious diseases. All donor animals were sourced from the United States of America. This product is intended for research, laboratory use, or further manufacturing. It is not for administration to humans. The suitability of this product for each application must be determined by each end user.

