

CERTIFICATE OF ANALYSIS

Albumin bovine Fraction V, pH 7.0
Life Science grade, lyophil.

Cat.No. : 11946
Contr.No.: 230781

Parameter	Method	Specification	Result
Molecular Weight		ca. 67 000	
Appearance	Visual Inspection	white to yellow with tan to green cast lyophilisate	corresponds
Protein (%) (protein factor 6.25)	Nitrogen Analyzer, Anhydrous	≥ 96	102
Purity (%) (Albumin, 7 % solution)	Cellulose Acetate Electrophoresis	≥ 98	100
pH	1 % solution in 0.15 M NaCl	6.8 – 7.2	7.1
Moisture (%)	Loss on Drying	≤ 5.0	≤ 5.0
Sulphated Ash (%)	Residue on Ignition	≤ 2.0	1.2
IgG (µg/g)	By ELISA	≤ 50	6
Solubility	4 % Solution @ A550	≤ 0.1	< 0.1
Color	4 % Solution @ A404	≤ 0.15	0.05
Heavy Metals (ppm)	By USP	≤ 20	2
Mycoplasma		None detected	None detected
Minimum shelf life			31.03.2027
Storage (°C)			+2 to +8

The product has been subjected to a heat treatment at a temperature of at least 65 °C for a period of at least 3 hours and subjected to pH 5 or lower for a period of at least 3 hours.

We do not guarantee that the product can be used for a special application.
This document does not release you from performing the standard control upon receipt of incoming goods.

SERVA Electrophoresis GmbH
Quality Control

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Dr. Judith Koch

Daniela Lux-Helmstetter

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