

## CERTIFICATE OF ANALYSIS

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

**Cat.No. : 11946**  
**Contr.No.: 200626**

Parameter	Method	Specification	Result
<b>Molecular Weight</b>		ca. 67 000	
<b>Appearance</b>	Visual Inspection	white to yellow with tan to green cast lyophilisate	corresponds
<b>Protein (%)</b> (protein factor 6.25)	Nitrogen Analyzer, Anhydrous	≥ 96	100
<b>Purity (%)</b> (Albumin, 7 % solution)	Cellulose Acetate Electrophoresis	≥ 98	100
<b>pH</b>	1 % solution in 0.15 M NaCl	6.8 – 7.2	7.0
<b>Moisture (%)</b>	Loss on Drying	≤ 5.0	1.9
<b>Sulphated Ash (%)</b>	Residue on Ignition	≤ 2.0	1.1
<b>IgG (µg/g)</b>	By ELISA	≤ 50	1
<b>Solubility</b>	4 % Solution @ A550	≤ 0.1	< 0.1
<b>Color</b>	4 % Solution @ A404	≤ 0.15	0.05
<b>Heavy Metals (ppm)</b>	By USP	≤ 20	2
<b>Mycoplasma</b>		None detected	None detected
<b>Minimum shelf life</b>			31.05.2024
<b>Storage (°C)</b>			+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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