

# CERTIFICATE OF ANALYSIS

<b>Albumin bovine, Fraction V Very Low Endotoxin lyophil.</b>	<b>Cat.No. : 47324</b>
	<b>Contr.No. : 140050</b>

Parameter	Method	Specification	Result
<b>Molecular weight</b>		ca. 67 000	
<b>Appearance</b>		off-white lyophil.	corresponds
<b>Protein (%)</b> (protein factor 6.22)	Nitrogen Analyzer dry weight basis	96 – 100	99
<b>Purity (%)</b> (albumin, 7 % solution)	Cellulose Acetate Electrophoresis	98 – 100	100
<b>pH</b>	7 % solution	6.8 – 7.2	7.1
<b>Sodium (mg/g)</b>	Flame Photometer	0 – 10.0	4.7
<b>Chloride (mg/g)</b>	Coulometric Titrator	0 – 12.0	1.0
<b>IgG</b>	Radialimmunodiffusion	not detectable	not detectable
<b>Endotoxin (EU/mg)</b>	Limulus Amebocyte Lysate	0 – 2.0	0.4
<b>Moisture (%)</b>	K.F.	0 – 5.0	< 5.0
<b>Minimum shelf life</b>			31.08.2021
<b>Storage (°C)</b>			-15 to -25

At time of shipment, this product qualifies for export. It was derived from bovine blood collected at a USDA licensed establishment. The cattle received ante- and post-mortem health inspection at the abattoir by a U.S. Veterinary Services Inspector and they were apparently free from infectious and contagious diseases. All donor animals were sourced from the United States.

Blood collection records are incorporated into the manufacturing batch documents.

Each lot is tested for mycoplasma by the method of Barile and Kern and certified that none was detected.

Each lot is also tested for the bovine viruses BVD, IBR, PI3, Adeno I & V, Bluetongue virus, Parvo and Reo by the Code of Federal Regulations 9, 113.53 and certified that none was detected.

<p><b>We do not guarantee that the product can be used for a special application.</b>  <b>This document does not release you from performing the standard control upon receipt of incoming goods.</b></p>
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**SERVA Electrophoresis GmbH**  
**Quality Control**

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Christian Monsler

Patricia Milford

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