

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Bovine Serum Albumin – protease free, fatty acid free, pH 7.0, New Zealand origin

Product Number:

SRE0098

CAS Number:

9048-46-8

Formula Weight:

66.000 g/mol

Storage Temperature:

2 - 8 °C

TEST	Specification
Purity by Agarose Electrophore	≥ 98.0 %
Nitrogen	14.5 - 16.5 %
Solubility (Colour)	Pass
yellow to yellow-green	
method: 4% in water	
Solubility (Turbidity)	Pass
clear to slightly hazy	
method: 4% in water (visual clarity)	
NEFA-Non esterified fatty acid	≤ 0.05 %
Loss on Drying	≤ 5.0 %
Protease	≤ 0.005 U/mgS
enzymatic assay(units/mg solid)	
pH	6.5 - 7.5
10% solution in water	
pH	6.5 - 7.5
1% solution in 0.15M NaCl	
APC	≤ 1000 CFU/g
Total Coliforms by MPN	≤ 100
MPN/g	
Ash	≤ 2 %
Endotoxin	≤ 3 EU/mg
Heavy Metals (as Lead)	≤ 10 ppm
BlgG	None Detected
method: Turbidimetric analysis	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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TEST	Specification
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E.Coli by MPN

≤ 10

MPN/g

Salmonella

Conforms

Absent/25g

Specification: PRE.0.ZQ5.10000020787

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