

Certificate of Analysis

Date of Manufacture: 24 October 2019
 Date of Expiry: 23 October 2024
 Product Description: Bovine Serum Albumin Lyophilized Powder
 Precision Grade, Fatty Acid Free
 Lot Number: **NZ92950101**
 SKU: 69760

Analysis:

Analyte	Specification	Result	Method
Purity	≥ 98.0%	100.0%	Agarose Gel
Protein (Dry Basis)	≥ 98.0%	102.2%	By calculation
Moisture	≤ 5.0%	3.8%	AOAC 930.15
Ash	< 2%	0.7%	AOAC 923.03
BlgG	None Detected	Complies	Turbidimetric Analysis
NEFA	≤ 0.01%	Complies	Enzymatic Assay
Solubility	Clear to slightly hazy Yellow to yellow-green	Pass	4% Solution in H ₂ O (visual clarity)
Protease	None Detected	None Detected	Enzymatic Assay (Detection limit 0.005 units/mg)
pH (10% Solution)/Temp	6.5-7.5/Ambient	6.7	10% Solution in H ₂ O
pH (1% Solution)/Temp	6.5-7.5/Ambient	6.9	1% Solution in NaCl
Heavy Metals (Pb)	≤ 10 ppm	< 1 ppm	AOAC 984.27 (Modified)
Endotoxin	≤ 3 EU/mg	< 0.01 EU/mg	LAL
APC	≤ 1,000 cfu/g	< 10 cfu/g	AOAC 990.12
Total Coliforms MPN	≤ 100 MPN/g	< 3MPN/g	USFDA-BAM
Salmonella	Absent/25g	Absent	BACGene
E. coli by MPN	≤ 10 MPN/g	< 3 MPN/g	USFDA-BAM


Bridget Charteris
 Quality Department

05-May-2020
 Date