



**Product:** **Bovine Serum Albumin (BSA)**  
**Fraction V— Fatty Acid Free**  
Powder

**Catalog #: 700-107P**

**Lot #: C30J09K**

**Origin: New Zealand (100%)**

**Manufacture Date: APR 2019**

**Expiration Date: APR 2024**

TEST	METHODOLOGY	SPECIFICATION	RESULTS
<b>Microbiological Testing</b>			
Microbial Growth-APC		≤1000 cfu/g	<10 cfu/g
Endotoxin		≤3 EU/mg	<0.012 EU/mg
Total Coliforms MPN		≤100 MPN/g	<3 MPN/g
Salmonella		Absent/25g	Absent
E.Coli by MPN		≤10 MPN/g	<3 MPN/g
<b>Physical Testing</b>			
pH @ RT, 10% Solution		6.5-7.5	6.8
Conductivity, 10% Solution		≤3,000 μS	663.7 μS/cm
Sodium, 10% Solution		Report	326 mg/110 g
Chloride, 10% Solution		Report	0.69 mg/g
Moisture		≤5.0%	4.0%
<b>Biochemical Testing</b>			
Purity	HPLC	≥98%	100%
IgG		Below Detectable Limits	Below Detectable Limits
Protease		Not Detected	Not Detected
Fatty Acids (Enzymatic)		≤0.01%	<0.01%

Filtered through a 0.2 μm filter before lyophilizing.

Prepared for Gemini.

This material was prepared from bovine plasma derived exclusively from New Zealand Ministry of Primary Industries (MPI) regulated abattoirs located in New Zealand.

*For Cell Culture, further Manufacturing and Research use only. Not for direct Therapeutic use.*

*A.M.* 31 DEC 2019

Created by/ date

*DLW* 31 DEC 2019

Verified by/ date