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**PRODUCT DATA SHEET****Human Serum Albumin Products****HUMAN SERUM ALBUMIN PRODUCTS:**

Manufactured from downgraded therapeutic human serum albumin.  
Analytes, solubility, and filterability are all based on a 5% solution.

**HA2200 HUMAN SERUM ALBUMIN, 20%**

Human Serum Albumin, 20%- Testing Varies- Contact Us For  
More Information

**HA1000 HUMAN SERUM ALBUMIN**

Test	Specifications	Methodology
Purity	≥ 95%	HPLC
Total Protein	≥ 4.7 g/dL	Biuret
Color	Off White	Visual
State	Powder	N/A
Sodium	< 50 mmol/L	ISE
Potassium	< 2.0 mmol/L	ISE
Chloride	< 50 mmol/L	ISE
Calcium	< 2 mg/dL	Arsenazo III
pH	6.8 – 7.2	pH Meter
Microbial	< 100 CFU/mL	USP / BAM
Moisture	≤ 5%	Protein Calculation
Protease	None Detected	Enzymatic assay

**HA2500 HUMAN SERUM ALBUMIN, 25%**

Human Serum Albumin, 25%- Testing Varies- Contact Us For  
More Information

**HUMAN GAMMA GLOBULIN:**

Manufactured from downgraded therapeutic human gamma globulin

**HGG1000 HUMAN GAMMA GLOBULIN**

Test	Specifications	Methodology
Purity	≥ 95%	HPLC
Total Protein	≥ 4.5 g/dL	Biuret
Color	Off White	Visual
State	Lyophilized Powder	N/A
Sodium	< 200 mmol/L	ISE
Potassium	< 1.0 mmol/L	ISE
Chloride	< 200 mmol/L	ISE
Calcium	< 2 mg/dL	Arsenazo III
pH	6.0 – 8.0	pH Meter
Microbial	< 100 CFU/mL	USP / BAM
Moisture	≤ 5%	Protein Calculation

**HA1010 HUMAN SERUM ALBUMIN,  
LOW B12/FOLATE**

Test	Specifications	Methodology
Purity	≥ 95%	HPLC
Total Protein	≥ 4.8 g/dL	Biuret
Color	Off White	Visual
State	Powder	N/A
Sodium	< 50 mmol/L	ISE
Potassium	< 0.5 mmol/L	ISE
Chloride	< 50 mmol/L	ISE
Calcium	< 2 mg/dL	Arsenazo III
pH	6.8 – 7.2	pH Meter
B12	< 80 pg/mL	Enzymatic Immunoassay
Folate	≤ 2 ng/mL	Enzymatic Immunoassay
Microbial	< 100 CFU/mL	USP / BAM
Moisture	≤ 5%	Protein Calculation
Protease	None Detected	Enzymatic assay

**HA1020 HUMAN SERUM ALBUMIN,  
FATTY ACID FREE**

Test	Specifications	Methodology
Purity	≥ 95%	HPLC
Total Protein	≥ 4.8 g/dL	Biuret
Color	Off White	Visual
State	Powder	N/A
Sodium	< 50 mmol/L	ISE
Potassium	< 0.5 mmol/L	ISE
Chloride	< 50 mmol/L	ISE
Calcium	< 2 mg/dL	Arsenazo III
pH	6.8 – 7.2	pH Meter
Microbial	< 100 CFU/mL	USP / BAM
Moisture	≤ 5%	Protein Calculation