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Certificate of Analysis

Product Description: Recombinant Human Serum Albumin, 20% Solution
Catalog Number: 98313
Lot: S8925

Formula: N/A
CAS #: N/A
Physical Description: Slightly Viscous, Yellow to Brownish
Clear Liquid, Not Turbi

Formula Weight: N/A
Storage: 2 - 8°C

Test	Specification	Result
Identity Test	Passes	Passes
Visible Particle	Essentially free of visible particles	Essentially free of visible particles
Volume	No less than the labeled volume (≥ 50 mL)	No less than the labeled volume (≥ 50 mL)
pH	6.4 - 7.4	6.7
Purity	$\geq 96.0\%$ (SDS-PAGE) Monomer $\geq 96.0\%$ (HPLC) Polymer $\leq 1.0\%$ (HPLC) Dimer $\leq 3.5\%$ (HPLC) Fragment $\leq 0.5\%$ (HPLC)	99.5% (SDS-PAGE) Monomer - 98.3% (HPLC) Polymer - 0.43% (HPLC) Dimer - 1.2% (HPLC) Fragment - 0.2% (HPLC)
Protein Content	18.8 - 21.2%	19.2%
Sodium	≤ 160 mmol/L	129 mmol/L
Potassium	≤ 2 mmol/L	< 0.5 mmol/L
Optical Absorbance	≤ 0.15	0.031
Sodium Octanoate	0.140 - 0.180 mmol/g protein	0.166 mmol/g protein
Aluminum	≤ 200 ug/L	48 ug/L
Ammonium Sulfate	≤ 0.5 g/L	0.04 g/L

Exogenous Host Cell proteins (HCP) residue	≤ 5.0 ug/g protein	0.43 ug/g protein
Exogenous DNA residue	≤ 0.5 ng/g protein	0.03 ng/g protein
Sterility	No growth	No growth
Bacterial Endotoxins	<1.67 EU/mL	<1.67 EU/mL
Heavy Metal (Pb, Cd, Hg, As)	As ≤ 0.3 ug/g protein Cd ≤ 0.05 ug/g protein Hg ≤ 0.07 ug/g protein Pb ≤ 0.1 ug/g protein	As 0.06 ug/g protein Cd Not Detected Hg Not Detected Pb Not Detected

Recommended Retest Date (MM/DD/YYYY): 06/19/2026



07/20/2022 - Fengqi An
MP Biomedicals, LLC.
Life Science QC Supervisor

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