



Biochemicals and
Life Science Research Products

Albumin Selection Guild:

	0332 Albumin, Bovine	0175 Albumin, Bovine, pH 5.2	0903 Albumin, Bovine, Crystalline	N208 Albumin, Bovine, Low Endotoxin	E588 Albumin, Bovine, RIA Grade	
Specifications	Albumin (Electrophoresis)				≥ 98.0%	
	Ash			≤ 0.5%	≤ 2.0%	
	Bovine IgG				None Detected	
	Chloride			< 0.3%		
	DNase	None Detected		None Detected		
	Endotoxins				≤ 1 EU/mL	
	Fatty Acids (Total)					≤ 0.2 mg/g
	Heavy Metals (as Pb)	≤ 0.001%	≤ 0.005%	< 0.005%	≤ 0.001%	< 0.005%
	Identification (FTIR)			Pass		
	Iron	≤ 0.0005%				
	Loss on Drying	≤ 5%	≤ 2%	≤ 5.0%	≤ 5.0%	≤ 5.0%
	O.D. @ 550 nm (4%, Water)					≤ 0.3
	pH @ 25°C	6.5 - 7.5 (5%, Water)	4.9 - 5.3 (2% Water)	5.0 - 5.4 (7%, Water)	6.5 - 7.5 (5%, Water)	6.8 - 7.2 (1%, 0.15 M NaCl)
	Protein (Anhydrous)					≥ 96%
	Protease	None Detected		None Detected		
	Purity	≥ 98.0%	≥ 96.0%	≥ 99.0%	≥ 98.0%	
	RNase	None Detected		None Detected		
Sodium			< 0.5%			
Solubility (2%, Water)		Pass				
Applications	Culture Media (Animal/Insect)		*		*	
	Culture Media (Microbial)		*		*	
	ELISA	*		*	*	*
	Enzyme Systems	*		*	*	
	Hapten Carrier	*		*		
	Immunohistochemistry	*				
	Molecular Biology	*		*		
	PCR	*		*		
	Protein Base/Filler	*		*		
	Protein Standard	*	*	*		
	RIA Systems			*		*
	Serology	*	*	*		
Western Blotting	*					