

CERTIFICATE OF ANALYSIS

Product	D-Glucose, anhydrous
Grade	Biotech
Product Code	GB0219
Formula	C ₆ H ₁₂ O ₆
MW	180.16
CAS#	50-99-7
Lot No	

Test Items	Specifications	Results
Appearance	White Crystalline Powder	
Specific Rotation	+52.6 ~ +53.2°	
Identification (IR)	Conform	
Acidity	Conform	
Clarity and color of solution	Conform	
Clarity ethanol solution	Conform	
Chloride	≤0.01%	
Sulfite and soluble starch	Conform	
Loss on drying	≤1.0%	
Residue on ignition	≤0.10%	
Protein	Conform	
Barium	Conform	
Calcium	≤0.01%	
Iron	≤0.001%	
Heavy metals	≤0.0004%	
Arsenic	≤0.0001%	
Sulfate	≤0.01%	
Bacterial number	≤1000cfu/g	
Mould and yeast count	≤100cfu/g	
Escherichia coli	None	

Storage: R.T.