

Product Specification

Product Name:	D-Glucose, anhydrous
Grade:	Biotechnology
Product Code:	GB0219
Formula:	C ₆ H ₁₂ O ₆
MW:	180.16
CAS#:	50-99-7

Test Items	Specifications
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 (as Pb)	≤0.0004%
Arsenic	≤0.0001%
Sulfate	≤0.01%
Bacterial number	≤1000cfu/g
Mould and yeast count	≤100cfu/g
Escherichia coli	None
Recommended Retest Period:	2 Years

Storage Condition: 18 – 25°C

Rev 0

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