



Product Specification

Product Name: D-Glucose 6-phosphate, disodium salt
Cat #: G-360
CAS #: 3671-99-6
Storage: Store at -20°C. Protect from light.

Test	Specifications
1H-NMR Spectrum	corresponds to assigned structure
13C-NMR Spectrum	corresponds to assigned structure
31P-NMR Spectrum	corresponds to reference spectrum
Color	white to off-white
Form	crystalline powder
Color of Solution (10% in water)	colorless
Turbidity (1% in water)	≤4.0 NTU
Water Content (K. Fischer)	≤15.0%
Specific Optical Rotation [α] _D (c = 1 in water, 20°C; calculated on dry matter)	21.0 to 25.0
Perchloric Acid Titration (0.1 mol/L) (calculated on dry matter)	97.0 to 103.0%
pH-Value (1% in water)	8.0 to 8.8
Inorganic Phosphorus (IC)	≤0.5%
FT-IR Spectrum	corresponds to reference spectrum

GOLD BIOTECHNOLOGY, INC. provides this Product Specification in good faith. Specifications are subject to change.

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