



Product Specification

Product Name: X-gluc (CHX salt)
Cat #: G1281
CAS #: 114162-64-0
Storage: Store desiccated at -20°C. Protect from light.

Test	Specifications
Color	white to off-white
Form	crystalline powder
Color of Solution (1% in DMF/water 1:1)	colorless
Turbidity (1% in DMF/water 1:1)	≤4.0 NTU
Water Content (K. Fischer) (theoretically for monohydrate: 3.34%)	2.5 to 4.5%
Specific Optical Rotation [α] _D (c = 1 in DMF/water 1:1, 20°C)	-91.0 to -87.0
Perchloric Acid Titration (0.1 mol/L) (calculated on dry matter)	99.0 to 101.0%
Purity (HPLC)	≥99.0 area-%
TLC (30 mg/mL in solvent system; butanol/acetic acid/water 6:3:2; UV 254 nm, sulfuric acid)	corresponds to reference material
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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