



Product Specification

Product Name: X-Gal
Cat #: X4281
CAS #: 7240-90-6
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	White to off white or colorless
Form	Crystalline powder or crystals
Color of solution (1% in DMF/water 1:1)	Colorless
Turbidity (1% in DMF/water 1:1)	≤4.0 NTU
Water content (K. Fischer)	≤0.5%
Purity (HPLC)	≥99.0 area-%
TLC (50mg in 1ml DMF and 9ml of propanol; butanol/water 86:14; UV 254nm, sulfuric acid)	Corresponds to reference material
Specific Optical Rotation [α] _D (c = 1 DMF/water 1:1; 20°C)	-63.5 to -59.5
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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