



Product Specification

Product Name: X- α -Gal
Cat #: XA
CAS #: 107021-38-5
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	colorless/white to off-white
Form	crystals or crystalline powder
Water Content (K. Fischer)	$\leq 1.0\%$
Purity (TLC) (33.3 mg in 1 ml methanol; butanol/water 86:14; UV 254 nm, sulfuric acid)	≥ 98.0 area-%
Specific Optical Rotation $[\alpha]_D$ (c = 1 in DMF/water 1:1, 20°C)	142.0 - 148.0
FT-IR Spectrum	corresponds to reference spectrum

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

Gold Biotechnology, Inc.

1328 Ashby Rd.

St. Louis, MO 63132

P: (314)890-8778

F: (314)890-0503

E: contactgoldbio86@goldbio.com