



Product Specification

Product Name: 4-Methylumbelliferyl- α - L-fucopyranoside
Cat #: M-580
CAS #: 54322-38-2
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	hite to off-white
Form	powder
Color of Solution (2% in DMF)	colorless to almost colorless
Turbidity (1% in DMF)	max. 4.0 NTU
Water Content (K. Fischer)	max. 1.0%
Melting Point	222 to 228°C
TLC (50 mg in 3 ml DMF; butanol/acetic acid/water 3:1:1; UV 254 nm)	corresponds to reference material
Free 4-MU (50 mg in 3 ml DMF; butanol/acetic acid/water 3:1:1; UV366 nm after treating with ammonia vapor)	max. 50 mg/kg
Specific Optical Rotation [α] _D (c = 0.3 in pyridine, 20°C)	-139.0 to -133.0
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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