



Product Specification

Product Name: 4-Methylumbelliferyl- β D-cellobioside
Cat #: M-550
CAS #: 72626-61-0
Storage: Store at -20°C. Protect from light.

Test	Specifications
Color	white to slightly off-white
Form	crystalline powder
Color of Solution (1% in water/acetone 1:1)	colorless
Turbidity (1% in water/acetone 1:1)	max. 4.0 NTU
Water Content (K. Fischer)	max. 5.0%
Purity (HPLC)	min. 98.0 area-%
Free 4-MU (15 mg/mL in water/acetone 1:1; toluene/acetone 5:1; UV 366 nm after treating with ammonia vapor)	max. 200 mg/kg
Specific Optical Rotation $[\alpha]_D$ (c = 0.2 in water, 20°C)	-98.0 to -94.0
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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