



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-220943
Lot Number: SAMPLE
Product Name: 4-Methylumbelliferyl β -D-cellobioside
CAS Number: 72626-61-0
Molecular Formula: $C_{22}H_{28}O_{13}$
Molecular Weight: 500.45

Test	Result
Appearance	White crystalline powder
Identification (FTIR)	Consistent with reference spectrum
Purity (HPLC)	99.7%
Solution (Color)	Colorless (1% in water / acetone 1: 1)
Solution (Turbidity)	1.5 NTU (1% in water / acetone 1: 1)
Specific Rotation ($\alpha_{20/D}$)	-95.5° (c = 0.2, water)
Free 4-Methylumbelliferone	< 100 mg/kg
Water Content (KF)	2.1%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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