



INDOFINE Chemical Company, Inc.

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Certificate of Analysis

Catalogue Number	04-2142
Product	4-Methylumbelliferyl-β-D-glucoopyranoside
Lot Number	001324-16002 4-Methylumbelliferyl- β -D-glucoside
CAS Number	18997-57-4
Molecular Formula	C ₁₆ H ₁₈ O ₈
Molecular Weight	338.31

Appearance	White crystalline powder
Solubility	Clear, colorless solution (3% w/v in 1:2 water/acetone)
Water Content (Karl Fisher)	0.72%
Optical Rotation	-100.92° (C=0.3% in water at 20°C)
Infrared Spectrum	Conforms to structure
Related Substances	Free 4-methylumbelliferone: Not detected
Purity by HPLC	99.99%
Storage	Store at 0-8 °C

Prepared by:
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Ramesh Mandadi
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Reviewed and approved by:
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VP