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Certificate of Analysis

Catalogue Number	00234
Product	n-Octyl-β-D-glucoopyranoside
Lot Number	001684-20220418 n-Octyl glucoside
CAS Number	29836-26-8
Molecular Formula	C ₁₄ H ₂₈ O ₆
Molecular Weight	292.4

Appearance	White or off-white powder or solid
Solubility	Easily soluble in water. Clear to very slightly hazy colorless to faint yellow solution.
pH	6.6
Optical Rotation	[α] _D ²⁰ = -28.3 ° (C=1, MeOH) [α] _D ²⁰ = -33.5 ° (C=5, H ₂ O)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
UV Ratios	A _{260 nm} : < 0.3
Loss on Drying	0.2%
Related Substances	n-Octanol : < 0.05%
Residue On Ignition	0.1%
α-Isomer	0.05%
¹H NMR	Conforms to structure
Purity by HPLC	99.5%
Purity by TLC	> 99%
Storage	Store at 0 - 8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager