

Certificate of Analysis

Date of Testing: 2023-03-09 17:36:07

Date of Next Testing: 2027-03-08 17:36:07

Product Name: **Hexyl β -D-glucopyranoside**

CAS Number: 59080-45-4

Specifications & Purity: 98%

Lot #: F1525016

SKU #: **H124473**

Analysis: **196672**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.08900 %
alpha (HPLC)	0-2 (%)	1.12 %
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in } H_2O)}$	-35--31 (°)	-33.10 °
CMC (H ₂ O)	248-252 (mmol/L)	250.00 mmol/L
hexanol(HPLC)	0-0.005 (%)	0.00 %
Conductance(10% solution)	0-40 (μ S/cm)	20.00 μ S/cm
PH	5-8	5.70
Appearance (H124473)	White to Off-White Powder	White to Off-White Powder
Fluorescence	345 nm $\leq$ 10% (0.1% detergent solution)	345 nm $\leq$ 10% (0.1% detergent solution)
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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