

Certificate of Analysis

Date of Testing:	2023-02-21 19:54:29
Date of Next Testing:	2027-02-20 19:54:29
Product Name:	Nonyl β-D-glucoopyranoside
CAS Number:	69984-73-2
Specifications & Purity:	98%
Lot #:	B2318073
SKU #	N111859
Analysis:	183705
Storage Temperature:	Store at -20°C

Parameter	Limit Values	Result
α -Isomere(HPLC)	0-0.01 (%)	0.01 %
Absorbance	0-0.03	0.02
n-Nonanol	0-0.001 (%)	0.00 %
Purity(HPLC)	98-100 (%)	99.62700 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	-35--31 (°)	-31.01 °
Appearance (N111859)	White or off-white powder	White or off-white powder
Solubility 50 mg/ml, CH ₃ OH	Colorless Clear to Very Slightly Hazy	Colorless Clear to Very Slightly Hazy
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager