

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-10-14 11:27:39
 Date of Next Testing: 2028-10-13 11:27:39
 Product Name: **Nonyl β -D-glucopyranoside**
 CAS Number: 69984-73-2
 Specifications & Purity: $\geq 98\%$
 Lot #: A2105108
 SKU #: **N111859**
 Version: **1**
 Analysis #: **419285**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
α -Isomere(HPLC)	0-0.01 (%)	0.00400 %
Absorbance	0-0.03	0.02000
n-Nonanol	0-0.001 (%)	0.00040 %
Purity(HPLC)	98-100 (%)	99.50000 %
Specific Rotation $[\alpha]_{20/D}(c=5 \text{ in H}_2\text{O})$	$-35--31$ ($^{\circ}$)	-32.30000°
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 ¹ H	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager