

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-07 18:12:33
 Date of Next Testing: 2026-12-06 18:12:33
 Product Name: **N,N',N''-Triacetylchitotriose**
 CAS Number: 38864-21-0
 Specifications & Purity: $\geq 95\%$
 Lot #: B1912140
 SKU #: **T120966**
 Version: **0**
 Analysis #: **164382**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	95.08900 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in H}_2\text{O})$	2-4 ($^{\circ}$)	2.60000 $^{\circ}$
Appearance (T120966)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in hot H ₂ O , Colorless to Yellow,Clear to Slightly Hazy,50mg/ml	pass	Pass



John Su
QA & QC Manager