

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-02-23 13:50:56

Date of Next Testing: 2024-02-23 13:50:56

Product Name: **1, 3, 4, 6-Tetra-O-acetyl-2-amino-2-deoxy- β -D-glucopyranose Hydrochloride**

CAS Number: 10034-20-5

Specifications & Purity: $\geq 97\%$

Lot #: D2017021

SKU #: **T132336**

Version: **1**

Analysis #: **077114**

Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Specific Rotation $[\alpha]_{20/D(c=1 \text{ in } 28-32 \text{ } ^\circ \text{H}_2\text{O})}$		28.23800 °
Purity(Titration by AgNO ₃)	97-102.5%	98.64200 %
Appearance (T132336)	Colorless, white to brown powder, crystals or chunks	Colorless, white to brown powder, crystals or chunks
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager