

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-11-29 14:28:04

Date of Next Testing: 2027-11-28 14:28:04

Product Name: **N ω -(2-Acetamido-2-deoxy- β -D-glucopyranosyl)-N α -(tert-butoxycarbonyl)-L-asparagine**

CAS Number: 137255-40-4

Specifications & Purity: $\geq 96\%$ (HPLC)

Lot #: K2324468

SKU #: **N159758**

Version **1**

Analysis #: **295552**

Storage Temperature: Store at -20°C, Argon charged

Parameter	Limit Values	Result
Purity(HPLC area)	96-100 (%)	97.20000 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMSO})$	15-20 (°)	18.70000 °
Appearance(N159758)	White to Almost white powder to crystal	White to Almost white powder to crystal
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager