

Certificate of Analysis

Date of Testing: 2024-10-24 15:37:58

Date of Next Testing: 2027-10-24 15:37:58

Product Name: **H-D-Glu(otbu)-otbu hcl**

CAS Number: 172793-31-6

Specifications & Purity: $\geq 97\%$

Lot #: L2123527

SKU #: **H182073**

Version: **0**

Analysis #: **426211**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Water by Karl Fischer	0-1 (%)	0.93 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in MeOH})$	-24--19 (°)	-22.61 °
Purity(Titration by AgNO ₃)	96.5-103.5 (%)	103.29 %
Appearance (H182073)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager