

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-09-23 15:07:33
Date of Next Testing: 2027-09-23 15:07:33
Product Name: **1-Azido-1-deoxy- β -D-lactopyranoside**
CAS Number: 69266-16-6
Specifications & Purity: $\geq 97\%$
Lot #: I2423187
SKU #: **A351302**
Version: **1**
Analysis #: **442885**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC area)	97-100 (%)	100.00 %
Specific Rotation $[\alpha]_{20/D}(c=1 \text{ in DMSO})$	12.0-16 ($^{\circ}$)	15.95 $^{\circ}$
Appearance(A351302)	white to off-white powder to crystal	White to Off-White Powder to crystal
NMR Spectrum 1H	Conforms to Structure	Conforms to Structure
LC-MS for identification	Conforms	Conforms



John Su
QA & QC Manager