

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-05-31 14:44:04  
Date of Next Testing: 2028-05-30 14:44:04  
Product Name: **11-Azido-3,6,9-trioxaundecan-1-amine**  
CAS Number: 134179-38-7  
Specifications & Purity: 98%  
Lot #: I2009120  
SKU #: **A122192**  
Version: **1**  
Analysis #: **363224**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Density (20°C)	1.09-1.099	1.09
Refractive index n <sub>20</sub> /D	1.466-1.472	1.47
Purity(GC)	98-100 (%)	98.03%
Appearance (A122192)	colorless to dark yellow liquid	colorless to dark yellow liquid
NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager