

Certificate of Analysis

Date of Testing: 2023-01-06 13:12:10
 Date of Next Testing: 2027-01-05 13:12:10
 Product Name: **11-Azido-3,6,9-trioxaundecanoic Acid**
 CAS Number: 172531-37-2
 Specifications & Purity: >97.0%(T)
 Lot #: D1903161
 SKU #: **A151476**
 Analysis: **175258**

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.469-1.473	1.47
Purity(Neutralization titration)	97-112 (%)	98.40 %
Appearance (A151476)	Colorless to yellow to dark yellow-red liquid	Colorless to yellow to dark yellow-red liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager