

Certificate of Analysis

Date of Testing: 2023-10-07 10:48:12

Date of Next Testing: 2027-10-06 10:48:12

Product Name: **1-Aza-18-crown 6-Ether**

CAS Number: 33941-15-0

Specifications & Purity: >98.0%(T)

Lot #: A2009032

SKU #: **A151566**

Analysis: **281700**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	97.5-102.5 (%)	98.93 %
Melting point	50-55 (°C)	51.93000 °C
Appearance (a151566)	White to Pale Red-Yellow, Yellow Low melting Solid	White to Pale Red-Yellow, Yellow Low melting Solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager