

Certificate of Analysis

Date of Testing: 2023-03-13 16:52:15

Date of Next Testing: 2027-03-12 16:52:15

Product Name: **1-Aza-15-crown 5-Ether**

CAS Number: 66943-05-3

Specifications & Purity: >98.0%(T)

Lot #: C2307529

SKU #: **A151565**

Analysis: **199374**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	98-100 (%)	99.87 %
Melting point	41-46 (°C)	42.00000 °C
Purity(GC)	96-100 (%)	97.85 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager