

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-11 16:16:04

Date of Next Testing: 2027-12-10 16:16:04

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

CAS Number: 33941-15-0

Specifications & Purity: >98.0%(T)

Lot #: B2019048

SKU #: **A151566**

**Analysis:** **303076**

Storage Temperature: Argon charged

| Parameter                   | Limit Values                                       | Result                                             |
|-----------------------------|----------------------------------------------------|----------------------------------------------------|
| Purity(NonaqueousTitration) | 97.5-102.5 (%)                                     | 98.00 %                                            |
| Melting point               | 50-55 (°C)                                         | 52.70000 °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