

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-04-19 13:16:38
Date of Next Testing: 2027-04-18 13:16:38
Product Name: **4,13-Diaza-18-crown 6-Ether**
CAS Number: 23978-55-4
Specifications & Purity: $\geq 98.0\%$
Lot #: D23131152
SKU #: **D132890**
Analysis: **201539**
Storage Temperature: Store at 2-8°C

| Parameter | Limit Values | Result |
|----------------------|---|---|
| Melting point | 111-116 (°C) | 114.90000 °C |
| Purity(HPLC) | 98-100 (%) | 100.00000 % |
| Appearance (D132890) | White to Off-White /Light yellow Powder,Crystals | White to Off-White /Light yellow Powder,Crystals |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager