

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-12-31 10:32:42

Date of Next Testing: 2029-12-30 10:32:42

Product Name: **4,13-Diaza-18-crown 6-Ether**

CAS Number: 23978-55-4

Specifications & Purity: $\geq 98\%$

Lot #: L2524297

SKU #: **D132890**

Version **0**

Analysis #: **610942**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Melting point	111-116 (°C)	115.77000 °C
Purity(HPLC)	98-100 (%)	99.72600 %
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

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

John Su
QA & QC Manager