

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-09-02 08:43:00

Date of Next Testing: 2027-09-01 08:43:00

Product Name: **12-Crown-4**

CAS Number: 294-93-9

Specifications & Purity: $\geq 98\%$

Lot #: H2325285

SKU #: **C102036**

Version: **1**

Analysis #: **263444**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Refractive index n _{20/D}	1.4600-1.4630	1.46210
Purity(GC)	98-100 (%)	99.07500 %
Appearance (C102036)	Colorless Liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager