

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-06 16:55:37  
Date of Next Testing: 2028-12-05 16:55:37  
Product Name: **15-Crown-5**  
CAS Number: 33100-27-5  
Specifications & Purity:  $\geq 97\%$   
Lot #: L2405366  
SKU #: **C105798**  
Version: **0**  
Analysis #: **439243**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	97-100 (%)	99.52 %
Refractive index n <sub>20</sub> /D	1.464-1.467	1.47
Density (20°C)	1.113-1.117	1.11
Appearance (C105798)	Colorless to Light yellow to Light orange clear liquid	Colorless to Light yellow to Light orange clear liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager