

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-15 16:53:52  
Date of Next Testing: 2029-09-14 16:53:52  
Product Name: **15-Crown-5**  
CAS Number: 33100-27-5  
Specifications & Purity:  $\geq 97\%$   
Lot #: L2101298  
SKU #: **C105798**  
Version: **0**  
Analysis #: **572534**  
Storage Temperature: Argon charged

| Parameter                           | Limit Values   | Result   |
|-------------------------------------|--|--|
| Density (20°C)                      | 1.113-1.117  | 1.12   |
| Purity(GC)                          | 97-100 (%)   | 98.56 %  |
| Refractive index n <sub>20</sub> /D | 1.464-1.467  | 1.47   |
| 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