

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-26 10:52:28  
 Date of Next Testing: 2029-11-25 10:52:28  
 Product Name: **18-Crown-6**  
 CAS Number: 17455-13-9  
 Specifications & Purity:  $\geq 99\%$   
 Lot #: K2524302  
 SKU #: **C105797**  
 Version: **0**  
 Analysis #: **608784**  
 Storage Temperature: Store at 2-8°C, Argon charged

| Parameter             | Limit Values                         | Result                               |
|-----------------------|--------------------------------------|--------------------------------------|
| Purity(GC)            | 99-100 (%)                           | 99.72800 %                           |
| Water by Karl Fischer | 0-0.5 (%)                            | 0.02800 %                            |
| Melting point         | 39-43 (°C)                           | 40.58000 °C                          |
| Appearance (C105797)  | White Powder, Crystals and/or Chunks | White Powder, Crystals and/or Chunks |
| Solubility in MeOH    | almost transparency                  | almost transparency                  |
| Infrared spectrum     | Conforms to Structure                | Conforms to Structure                |



John Su  
QA & QC Manager