

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-03 11:02:01  
Date of Next Testing: 2027-07-02 11:02:01  
Product Name: **Dibenzo-18-crown-6**  
CAS Number: 14187-32-7  
Specifications & Purity: 98%  
Lot #: F2315633  
SKU #: **D102033**  
Analysis: **186488**

| Parameter   | Limit Values                                       | Result   |
|---|--|--|
| Melting point                                     | 162-165 (°C)                                       | 162.27000 °C                                       |
| Purity(HPLC area)                                 | 98-100 (%)   | 99.21 %  |
| Appearance (D102033)                              | White to Beige Powder or Crystals or Fibers        | White to Beige Powder or Crystals or Fibers        |
| Proton NMR spectrum                               | Conforms to Structure                              | Conforms to Structure                              |
| Solubility in CHCl <sub>3</sub> (EtOH Stabilized) | Colorless to Yellow,Clear to Slightly Hazy,25mg/ml | Colorless to Yellow,Clear to Slightly Hazy,25mg/ml |



John Su  
QA & QC Manager