

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-04 13:34:23

Date of Next Testing: 2027-07-03 13:34:23

Product Name: **Dibenzo-18-crown-6**

CAS Number: 14187-32-7

Specifications & Purity:  $\geq 98\%$

Lot #: F2315635

SKU #: **D102033**

Version: **1**

Analysis #: **186488**

Storage Temperature: Protected from light, Room temperature

| Parameter                                         | Limit Values                                         | Result                                               |
|---------------------------------------------------|------------------------------------------------------|------------------------------------------------------|
| Melting point                                     | 162-165 (°C)                                         | 162.27000 °C                                         |
| Purity(HPLC area)                                 | 98-100 (%)                                           | 99.21400 %                                           |
| 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 |



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QA & QC Manager