

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-23 22:25:35

Date of Next Testing: 2027-02-22 22:25:35

Product Name: **Benzo-12-crown 4-Ether**

CAS Number: 14174-08-4

Specifications & Purity: >98.0%(GC)

Lot #: B2317424

SKU #: **B152138**

Analysis: **172923**

| Parameter           | Limit Values          | Result                |
|---------------------|-----------------------|-----------------------|
| Melting point       | 45-49 (°C)            | 48.39000 °C           |
| Purity(GC)          | 98-100 (%)            | 99.19 %               |
| Proton NMR spectrum | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager