

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-05-05 10:54:49

Date of Next Testing: 2027-05-04 10:54:49

Product Name: **4,4'-Diaminodiphenyl ether (4,4'-ODA)**

CAS Number: 101-80-4

Specifications & Purity:  $\geq 98\%$

Lot #: D2319305

SKU #: **D104463**

Version: **0**

Analysis #: **024071**

Storage Temperature: Protected from light, Room temperature

| Parameter                  | Limit Values                                  | Result                                        |
|----------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity(HPLC)               | 98-100 (%)                                    | 98.17930 %                                    |
| Melting point              | 190-194 (°C)                                  | 192.68000 °C                                  |
| Purity(Titration by HClO4) | 97.5-102.5 (%)                                | 99.30400 %                                    |
| Appearance (D104463)       | White to brown powder, crystals and/or chunks | White to brown powder, crystals and/or chunks |
| Proton NMR spectrum        | Conforms to Structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager