

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-12-16 15:11:08  
Date of Next Testing: 2028-12-15 15:11:08  
Product Name: **4,4'-Diaminodiphenyl ether (4,4'-ODA)**  
CAS Number: 101-80-4  
Specifications & Purity:  $\geq 98\%$   
Lot #: B2106101  
SKU #: **D104463**  
Version: **0**  
Analysis #: **450037**  
Storage Temperature: Protected from light, Room temperature

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	98.17910 %
Melting point	190-194 (°C)	192.67500 °C
Purity(Titration by HClO <sub>4</sub> )	97.5-102.5 (%)	98.55800 %
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