

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-03 10:14:08  
 Date of Next Testing: 2027-02-02 10:14:08  
 Product Name: **2,4-Dimethyldiphenylamine**  
 CAS Number: 25078-04-0  
 Specifications & Purity:  $\geq 98\%$   
 Lot #: A2330425  
 SKU #: **D121321**  
 Version: **1**  
 Analysis #: **183569**  
 Storage Temperature: Protected from light, Room temperature

| Parameter            | Limit Values                                                             | Result                                                                   |
|----------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Melting point        | 43-47 (°C)                                                               | 45.49000 °C                                                              |
| Purity(GC)           | 98-100 (%)                                                               | 98.86800 %                                                               |
| Appearance (D121321) | White to Off white to Faint Yellow to Yellow<br>Powder, crystals or lump | White to Off white to Faint Yellow to Yellow<br>Powder, crystals or lump |
| NMR Spectrum 1H      | Conforms to Structure                                                    | Conforms to Structure                                                    |



John Su  
QA & QC Manager