

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-05-19 18:49:58

Date of Next Testing: 2029-05-18 18:49:58

Product Name: **1,8-Diaminonaphthalene**

CAS Number: 479-27-6

Specifications & Purity:  $\geq 97\%$

Lot #: E2515266

SKU #: **D105921**

Version: **2**

Analysis #: **376257**

Storage Temperature: Room temperature

| Parameter             | Limit Values                                 | Result                                       |
|-----------------------|----------------------------------------------|----------------------------------------------|
| Water by Karl Fischer | 0-0.5 (%)                                    | 0.36000 %                                    |
| Purity (T)            | 96.5-103.5 (%)                               | 98.30000 %                                   |
| Purity(HPLC area)     | 97-100 (%)                                   | 99.00000 %                                   |
| Melting point         | 61-66 (°C)                                   | 63.20000 °C                                  |
| Appearance (D105921)  | Violet to Red to Brown Powder,Solid or Chips | Violet to Red to Brown Powder,Solid or Chips |
| Infrared spectrum     | Conforms to Structure                        | Conforms to Structure                        |
| Proton NMR spectrum   | Conforms to Structure                        | Conforms to Structure                        |



John Su  
QA & QC Manager