

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2024-10-12 16:33:25

Date of Next Testing: 2028-10-11 16:33:25

Product Name: **N,N-Diethyl-p-phenylenediamine sulfate salt**

CAS Number: 6283-63-2

Specifications & Purity: Purified,  $\geq 99\%$

Lot #: J2408259

SKU #: **A419426**

Version: **1**

Analysis #: **120149**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

| Parameter                                                | Limit Values                                          | Result                                                |
|----------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|
| Purity(Neutralization titration)(calcd.on anh.substance) | 98.5-102.5 (%)                                        | 100.01000 %                                           |
| Melting point                                            | 183-187 (°C)                                          | 186.98000 °C                                          |
| Proton NMR spectrum                                      | Conforms to structure                                 | Conforms to Structure                                 |
| Appearance(A419426)                                      | White to Off-white<br>Powder, Crystals, Solid, Chunks | White to Off-white<br>Powder, Crystals, Solid, Chunks |



John Su  
QA & QC Manager