

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-05 09:14:07  
Date of Next Testing: 2027-12-04 09:14:07  
Product Name: **N,N-Diethyl-p-phenylenediamine sulfate salt**  
CAS Number: 6283-63-2  
Specifications & Purity: Refined grade,  $\geq 99\%$   
Lot #: K2329273  
SKU #: **A419426**  
Version: **1**  
Analysis #: **120149**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)(calcd.on anh.substance)	98.5-102.5 (%)	100.01 %
Melting point	183-187 (°C)	186.98000 °C
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Appearance(A419426)	White to Off-white Powder,Crystals,Solid ,Chunks	White to Off-white Powder,Crystals,Solid ,Chunks



John Su  
QA & QC Manager