

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-08 14:33:36  
Date of Next Testing: 2027-07-07 14:33:36  
Product Name: **N,N-Diethyl-p-phenylenediamine sulfate salt**  
CAS Number: 6283-63-2  
Specifications & Purity: Analytical Reagent,98%  
Lot #: G2303591  
SKU #: **A106039**  
Version: **0**  
Analysis #: **063352**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration) (calcd.on anh.substance)	96.5-103.5 (%)	98.62 %
Loss on drying	0-5 (%)	3.25 %
Purity(HPLC)	98-100 (%)	99.33500 %
Melting point	183-187 (°C)	184.50000 °C
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency
Appearance (A106039)	White to Light Brown to Brown Powder,Crystals,Solid ,Chunks	White to Light Brown to Brown Powder,Crystals,Solid ,Chunks



John Su  
QA & QC Manager