

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-11-05 13:56:45

Date of Next Testing: 2028-11-04 13:56:45

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

CAS Number: 6283-63-2

Specifications & Purity: AR, ≥98%

Lot #: A2118098

SKU #: **A106039**

Version: **0**

Analysis #: **430750**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration) (calcd.on anh.substance)	96.5-103.5 (%)	98.58700 %
Loss on drying	0-5 (%)	2.36800 %
Melting point	183-187 (°C)	186.65600 °C
Purity(HPLC)	98-100 (%)	98.39400 %
Appearance (A106039)	White to Light Brown to Brown Powder,Crystals,Solid ,Chunks	White to Light Brown to Brown Powder,Crystals,Solid ,Chunks
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in H2O	Almost transparency	almost transparency



John Su
QA & QC Manager