

Certificate of Analysis

Date of Testing: 2023-01-20 01:11:32
Date of Next Testing: 2027-01-19 01:11:32
Product Name: **N,N-Dimethyl-p-phenylenediamine sulfate salt**
CAS Number: 536-47-0
Specifications & Purity: Analytical Reagent,98.0%
Lot #: C1922030
SKU #: **D105596**
Analysis: 180123
Storage Temperature: Store at 2-8°C,Argon charged

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis	11.6-12.3 (%)	11.96 %
Carbon by Elemental Analysis	40-42 (%)	41.40 %
Purity(Neutralization titration)	97.5-102.5 (%)	99.20 %
Purity(HPLC)	98-100 (%)	98.70000 %
Appearance (D105596)	white to yellow, grey,brown to black powder crystal chunk	white to yellow, grey,brown to black powder crystal chunk
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to yellow or Pink Clear to Hazy(50mg/ml)	pass	Pass



John Su
QA & QC Manager