

Certificate of Analysis

Date of Testing: 2022-09-13 17:15:32
Date of Next Testing: 2026-09-12 17:15:32
Product Name: **N,N-Dimethyl-p-phenylenediamine sulfate salt**
CAS Number: 536-47-0
Specifications & Purity: Analytical Reagent,98.0%
Lot #: I2208486
SKU #: **D105596**
Analysis: 134548
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 grey,brown to black powder crystal chunk	white to 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	pass	Pass
Clear to Hazy(50mg/ml)		



John Su
QA & QC Manager