

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-08-02 16:27:50
 Date of Next Testing: 2026-08-01 16:27:50
 Product Name: **N,N-Dimethyl-m-phenylenediamine dihydrochloride**
 CAS Number: 3575-32-4
 Specifications & Purity: $\geq 99\%$
 Lot #: G2227695
 SKU #: **D113423**
 Version: **0**
 Analysis #: **085559**
 Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	101.49000 %
Infrared spectrum	Conforms to Structure	Conforms to Structure
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Faint	pass	Pass
Yellow to Tan,Purple,Clear to Hazy,50mg/ml		
Appearance (D113423)	White to Tan to Orange to light Blue to dark Blue to Purple to dark Purple Powder,Crystals or Chunks	White to Tan to Orange to light Blue to dark Blue to Purple to dark Purple Powder,Crystals or Chunks



John Su
QA & QC Manager