

## Certificate of Analysis

Date of Testing: 2023-04-24 17:11:33  
Date of Next Testing: 2026-04-23 17:11:33  
Product Name: **N,N-Dimethyl-p-phenylenediamine monohydrochloride**  
CAS Number: 2052-46-2  
Specifications & Purity: 95%  
Lot #: D2323289  
SKU #: **I168425**  
**Analysis: 215436**  
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	95-100 (%)	99.53600 %
Purity (Argentmetric Titration)	94.5-105.5 (%)	105.48 %
Appearance (I168425)	Light Grey to Grey Powder	Light Grey to Grey Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager