

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-02-25 16:51:55  
Date of Next Testing: 2027-02-24 16:51:55  
Product Name: **N,N-Dimethyl-p-phenylenediamine**  
CAS Number: 99-98-9  
Specifications & Purity: 97%  
Lot #: B2320148  
SKU #: **D106285**  
Version: **1**  
Analysis #: **178344**  
Storage Temperature: Store at 2-8°C, Protected from light, Argon charged

Parameter	Limit Values	Result
Melting point	34-43 (°C)	34.20000 °C
Purity(GC)	97-100 (%)	97.01 %
Appearance (D106285)	Brown to Dark Brown and Gray to Dark Gray and Black powder or solid or chunk	Brown to Dark Brown and Gray to Dark Gray and Black powder or solid or chunk
Solubility in CHCL <sub>3</sub> , red to brown pass or red-brown clear,solution 5%		Pass
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager