

Certificate of Analysis

Date of Testing: 2023-11-03 14:04:39

Date of Next Testing: 2027-11-02 14:04:39

Product Name: **m-Phenylene diamine hydrochloride**

CAS Number: 541-69-5

Specifications & Purity: Analytical Reagent, >99.0%(T)

Lot #: J2330017

SKU #: **P101105**

Analysis: **081669**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(Neutralization titration)	98.5-101.5 (%)	99.79 %
Purity(HPLC)	98-100 (%)	99.64500 %
Appearance (P101105)	Colorless to white to yellow to brown,purple solid	Colorless to white to yellow to brown,purple solid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless to Faint Yellow ,Clear,100 mg/mL	pass	Pass



John Su
QA & QC Manager