

Certificate of Analysis

Date of Testing: 2022-05-31 16:42:37

Date of Next Testing: 2026-05-30 16:42:37

Product Name: **o-Tolidine dihydrochloride**

CAS Number: 612-82-8

Specifications & Purity: Analytical Reagent,97%

Lot #: C2228201

SKU #: **T109082**

Analysis: **058472**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Carbon by Elemental Analysis(anhydrous)	56.8-61 (%)	58.90 %
Purity(Argentmetric Titration)(calcd.on anh.substance)	96.5-103.5 (%)	99.10 %
Ignition Residue	0-0.1 (%)	0.04 %
Nitrogen by Elemental Analysis (anhydrous)	9.4-10.2 (%)	9.80 %
Appearance (T109082)	White to beige to Gray to brown powder to crystal	White to beige to Gray to brown powder to crystal
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Sensitivity	Pass	Pass
Solubility in H2O , Pale Brown,Clear ,10mg/ml	pass	Pass



John Su
QA & QC Manager