

## Certificate of Analysis

Date of Testing: 2023-04-23 11:39:20

Date of Next Testing: 2027-04-22 11:39:20

Product Name: **o-Tolidine dihydrochloride**

CAS Number: 612-82-8

Specifications & Purity: Analytical Reagent, 97%

Lot #: D2317097

SKU #: **T109082**

**Analysis:** **192001**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Ignition Residue	0-0.1 (%)	0.04 %
Carbon by Elemental Analysis(anhydrous)	56.8-61 (%)	58.23 %
Purity(Argentmetric Titration)(calcd.on anh.substance)	96.5-103.5 (%)	99.11 %
Nitrogen by Elemental Analysis (anhydrous)	9.4-10.2 (%)	9.52 %
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 H <sub>2</sub> O , Pale Brown, Clear , 10mg/ml	pass	Pass



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QA & QC Manager