

Certificate of Analysis

Date of Testing: 2023-06-28 15:55:33

Date of Next Testing: 2027-06-27 15:55:33

Product Name: **o-Dianisidine dihydrochloride**

CAS Number: 20325-40-0

Specifications & Purity: 98.5% , biochemical reagent

Lot #: F2320022

SKU #: **D111032**

Analysis: **078275**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Nitrogen by Elemental Analysis (anhydrous)	8.3-9.3 (%)	8.88 %
Cl(Titration by AgNO3)(Dry Basis)	21.1-23.5 (%)	22.41 %
Carbon by Elemental Analysis(anhydrous)	50.1-55.7 (%)	53.16 %
Loss on drying	0-1 (%)	0.14 %
Purity(HPLC)	98.5-100 (%)	99.29370 %
Appearance (D111032)	White to Grey and Faint Beige to Beige Powder	White to Grey and Faint Beige to Beige Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Peroxidase detection test	pass test	pass test
Solubility in H2O , Colorless to Yellow to Pink,Clear to Hazy,25mg/ml	pass	Pass



John Su
QA & QC Manager