

Certificate of Analysis

Date of Testing: 2022-11-07 19:25:53

Date of Next Testing: 2026-11-06 19:25:53

Product Name: **Ethylenediamine dihydrochloride**

CAS Number: 333-18-6

Specifications & Purity: Analytical Reagent, 99%

Lot #: K2205238

SKU #: **E108437**

Analysis: **141788**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	0.19 %
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	99.05 %
Appearance (E108437)	White to Almost white powder to crystal	White to Almost white powder to crystal
Proton NMR spectrum	Conforms to structure	Conforms to Structure
Solubility,C=100mg/ml (10%),H ₂ O Colorless to Very Faint Yellow,Clear to Very Faint Turbidity	Pass	Pass



John Su
QA & QC Manager