

Certificate of Analysis

Date of Testing: 2024-09-25 17:27:49

Date of Next Testing: 2028-09-24 17:27:49

Product Name: **Ethylenediamine dihydrochloride**

CAS Number: 333-18-6

Specifications & Purity: Analytical Reagent, 99%

Lot #: I2420384

SKU #: **E108437**

Version: **4**

Analysis #: **373993**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	1.51 %
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	99.00 %
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