

Certificate of Analysis

Date of Testing: 2024-04-23 10:26:57

Date of Next Testing: 2028-04-22 10:26:57

Product Name: **Ethylenediamine dihydrochloride**

CAS Number: 333-18-6

Specifications & Purity: AR, ≥99%

Lot #: D2411238

SKU #: **E108437**

Version: **4**

Analysis #: **338296**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Loss on drying	0-3 (%)	0.26 %
Purity(Titration by AgNO ₃)	98.5-101.5 (%)	99.85 %
Appearance (E108437)	White to Almost white powder to crystal	White to Almost white powder to crystal
Solubility,C=100mg/ml (10%),H ₂ O Colorless to Very Faint Yellow,Clear to Very Faint Turbidity	Pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager