

## Certificate of Analysis

Date of Testing: 2024-04-23 09:26:56

Date of Next Testing: 2028-04-22 09:26:56

Product Name: **Ethylenediamine dihydrochloride**

CAS Number: 333-18-6

Specifications & Purity: AR,  $\geq 99\%$

Lot #: D2411239

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 <sub>3</sub> )	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 <sub>2</sub> O Colorless to Very Faint Yellow, Clear to Very Faint Turbidity	Pass	Pass
Proton NMR spectrum	Conforms to structure	Conforms to Structure



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QA & QC Manager