

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, ≥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 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 |



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QA & QC Manager