



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

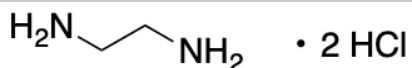
Catalogue Number: E918353

CAS Number: 333-18-6

Product: Ethylenediamine Dihydrochloride

Synonym:

Structure:



Molecular Formula:

C₂H₈N₂ • 2(HCl)

Molecular weight:

133.02

Source of Product:

N/A

Solubility:

No Data Available

Lot Number: 2023-CMC-028

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 18.31, %H: 8.05, %N: 21.14
HPLC Purity	Report Result	97.34% (ELSD)
C NMR	Conforms to Structure	Conforms
Chloride Content	Report Result	53.0%

Additional Information: N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of ± 2%. Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

4. Signatures

Reviewed By	Reviewed By	C of A Approved By	Test Date	Retest Date
Sarbjot Kaur	Toni Rantanen	Christina Gouliaras	4/3/2023	4/1/2027