



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: C178730

CAS Number: 2921-14-4

Product: Carboxymethoxyamine
Hemihydrochloride

Synonym: Aminoxyacetic Acid Hemihydrochloride; 2-(Aminoxy)acetic Acid Hemihydrochloride; Carboxymethoxyamine Hemihydrochloride; Carboxymethoxylamine Hemihydrochloride; O-Carboxymethylhydroxylamine Hemihydrochloride;

Structure: 

Molecular Formula:

C₂H₅NO₃•1/2HCl

Molecular weight:

109.3

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 12-SUM-131-1

Purity: 98%

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	White to Off-White Solid
Elemental Analysis	Conforms	%C: 21.99, %H: 5.19, %N: 12.98
MS	Conforms to Structure	Conforms
Chloride Content	Report Result	16.0%
NMR	Conforms to Structure	Conforms

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
Nicole Yip	Toni Rantanen	Chanell Chu	6/14/2022	6/12/2026