



CERTIFICATE OF ANALYSIS

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1. Identification

Catalogue Number: C367670

CAS Number: 1713-85-5

Product: b-Chlorolactic Acid

Synonym: 3-Chloro-lactic Acid; (±)-3-Chloro-2-hydroxypropanoic Acid; (±)-3-Chlorolactic Acid; 2-Hydroxy-3-chloropropionic Acid; 3-Chloro-2-hydroxypropanoic Acid; 3-Chloro-2-hydroxypropionic Acid; 3-Chlorolactic Acid; Chlorolactic Acid; DL-3-Chlorolactic Acid; DL-β-Chlorolactic Acid; 3-Chloro-2-hydroxypropionic Acid; 3-Chloro-2-hydroxy-propanoic Acid

Structure:



Molecular Formula:

C₃H₅ClO₃

Molecular weight:

124.52

Source of Product:

N/A

Solubility:

Chloroform (Very Slightly),
DMSO (Slightly), Methanol
(Sparingly)

Lot Number: 2022-QIU-136

Purity: 95%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 28.78, %H: 4.02

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
Sarbjeeet Kaur	Toni Rantanen	Christina Gouliaras	12/22/2022	12/20/2026
				