



CERTIFICATE OF ANALYSIS

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1. Identification

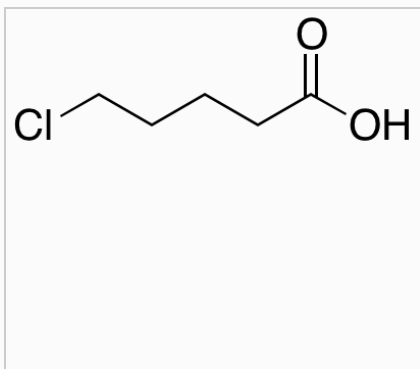
Catalogue Number: C424105

CAS Number: 1119-46-6

Product: 5-Chlorovaleric Acid

Synonym: 5-Chloropentanoic Acid; 5-Chlorovaleric Acid; δ -Chloropentanoic Acid; δ -Chlorovaleric Acid; ω -Chloropentanoic Acid; ω -Monochlorovaleric Acid

Structure:



Molecular Formula:

C₅H₉ClO₂

Molecular weight:

136.58

Source of Product:

N/A

Solubility:

Chloroform, DMSO, Ethyl Acetate

Lot Number: 2023-GHZ-175

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	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 44.07, %H: 6.76
GC Purity	Report Result	95.11%
C 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 \pm 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	Chanell Chu	4/25/2023	4/23/2027