



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

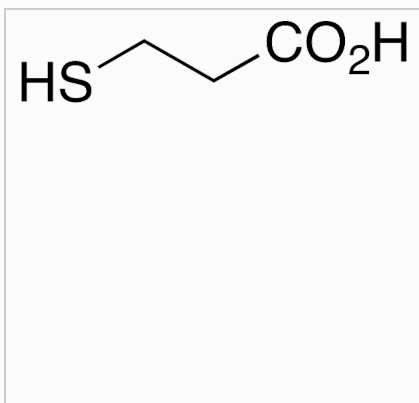
Catalogue Number: M257070

CAS Number: 107-96-0

Product: 3-Mercaptopropionic Acid

Synonym: 3-Thiopropionic Acid; 2-Mercaptoethanecarboxylic Acid; Mercaptopropionic Acid; β -Mercaptopropionic Acid; β -Thiopropionic Acid; NSC 437; NSC 45157;

Structure:



Molecular Formula:

C₃H₆O₂S

Molecular weight:

106.14

Source of Product:

Synthetic

Solubility:

Chloroform (Soluble), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 2023-CMC-037

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	Colourless Oil	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 34.27, %H: 5.95
MS	Conforms to Structure	Conforms
GC Purity	Report Result	98.14%
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
Neha Khanna	Toni Rantanen	Chanell Chu	5/16/2023	5/14/2027