



CERTIFICATE OF ANALYSIS

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1. Identification

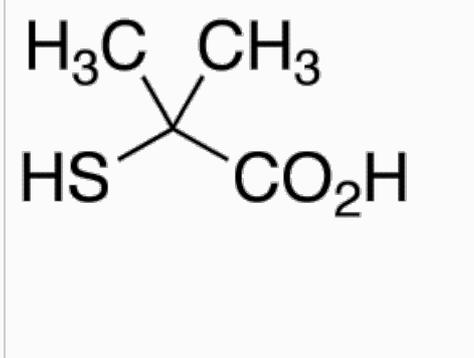
Catalogue Number: M253400

CAS Number: 4695-31-2

Product: 2-Mercaptoisobutyric Acid, 90%

Synonym: 2-Mercapto-2-methylpropanoic Acid

Structure:



Molecular Formula:

C₄H₈O₂S

Molecular weight:

120.17

Source of Product:

Synthetic

Solubility:

Chloroform (Sparingly),
Methanol (Sparingly)

Lot Number: 6-RFS-99-1

Purity: 90%

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

Storage Condition: 4°C

2. Warning

Warning 1: Stench

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Semi-Solid to Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms

Additional Information: TLC conditions: SiO₂; Hexanes : Ethyl Acetate : Acetic Acid = 8 : 2 : 0.5; Visualized with UV and KMnO₄; Single Spot, R_f = 0.40.

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
Neha Khanna	Eric Beaton	My Nguyen	9/24/2019	9/22/2026