



CERTIFICATE OF ANALYSIS

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1. Identification

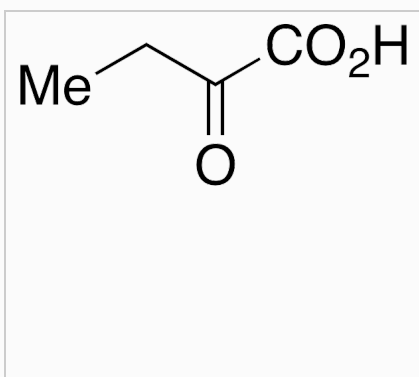
Catalogue Number: K175300

CAS Number: 600-18-0

Product: a-Ketobutyric Acid

Synonym: 2-Oxobutanoic Acid; 2-Oxobutyric Acid; 2-Ketobutanoic Acid; 2-Ketobutyric Acid; 2-Oxo-n-butyric Acid; 2-Oxobutanoic Acid; 2-Oxobutyric Acid; 3-Methylpyruvic Acid; NSC 60533; Propionylformic Acid; α-Ketobutyric Acid; α-Oxo-n-butyric Acid; α-Oxobutanoic Acid; α-Oxobutyric Acid; α-keto-n-Butyric Acid;

Structure:



Molecular Formula:

C₄H₆O₃

Molecular weight:

102.09

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Very Slightly)

Lot Number: 1-TAH-22-1

Purity: 95%

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

Storage Condition: 4°C, Inert atmosphere

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Off-White Oil to Solid	Clear Colourless Oil
NMR	Conforms to Structure	Conforms
MS	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
swathi reddy	Toni Rantanen	Chanell Chu	6/13/2023	6/11/2027