



1. Identification

Catalogue Number

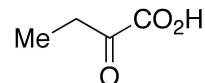
K175300

Lot Number

711993674-1-1

Product Name

α-Ketobutyric Acid

StructureSynonyms

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;

CAS Number

600-18-0

Solubility

DMSO (Slightly), Methanol (Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₄H₆O₃Source of Product

N/A

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

102.09

Purity

95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Off-White Oil to Solid

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 44.65, %H: 6.29

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

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/23/2024

Retest Date

7/21/2028