



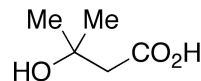
1. Identification

Catalogue Number

H943605

Lot Number

2-KJK-82-1

StructureProduct Name

b-Hydroxyisovaleric Acid

Synonyms3-Hydroxy-3-methylbutanoic Acid; 3-Hydroxy-3-methylbutyric Acid; 3-Hydroxyisovaleric Acid; β -Hydroxy- β -methylbutyric Acid;CAS Number

625-08-1

SolubilityChloroform (Slightly), Methanol
(Very Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_5H_{10}O_3$ Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

118.13

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Light Yellow Oil to Thick Oil

Results

Clear Colourless to Light Yellow Oil

NMR

Conforms to Structure

Conforms

GC Purity

>95%

95.49%

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 $\pm 2\%$. 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

R. Swathi

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

5/12/2024

Retest Date

5/10/2028