



CERTIFICATE OF ANALYSIS

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1. Identification

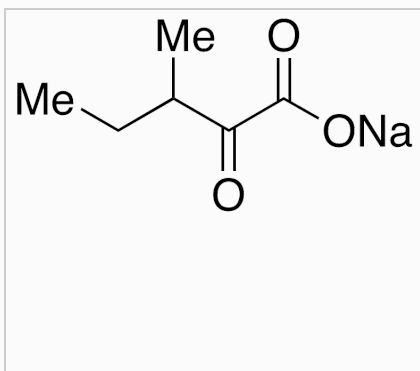
Catalogue Number: M326420

CAS Number: 3715-31-9

Product: 3-Methyl-2-oxovaleric Acid Sodium Salt

Synonym: 2-Oxo-3-methylpentanoic Acid Sodium Salt; 3-Methyl-2-oxopentanoic Acid Sodium Salt; Sodium 3-methyl-2-oxopentanoate; Sodium 3-methyl-2-oxovalerate; Sodium α -Keto- β -methylvalerate;

Structure:



Molecular Formula:

$C_6H_9NaO_3$

Molecular weight:

152.12

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 4-KWE-174-1

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 47.29, %H: 6.39
HPLC Purity	Report Result	100.00% (200 nm)
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	15.21% by Ion Chromatography

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

Sarbjeeet Kaur

Reviewed By

Toni Rantanen

C of A Approved By

Christina Gouliaras

Test Date

8/25/2022

Retest Date

8/23/2026