

1. Identification

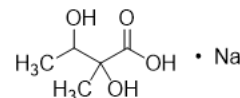
Catalogue Number

D454328

Lot Number

8-AJP-125-1

Structure



Product Name

2,3-Dihydroxy-2-methylbutanoic Acid Sodium Salt

Synonyms

CAS Number

2839062-01-8

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₅H₁₀O₄ • Na

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Inert atmosphere

Molecular Weight

157.12

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Specifications

Results

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 36.46, %H: 6.09
HPLC Purity	>95%	96.15% (200 nm)
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	13.6%

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

5/13/2024

5/11/2028

Meenakshi Sharma

Toni Rantanen

Christina Gouliaras

Product Quality Specialist

Manager, Quality Assurance

Quality Assurance Associate