



CERTIFICATE OF ANALYSIS

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1. Identification

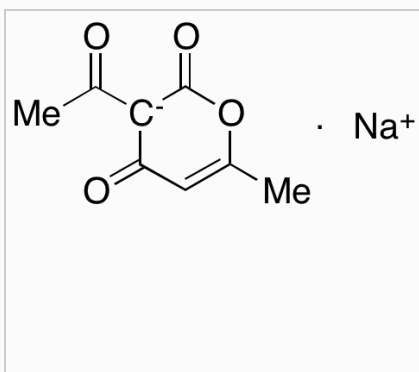
Catalogue Number: D228930

CAS Number: 4418-26-2

Product: Dehydroacetic Acid Sodium Salt

Synonym: 3-Acetyl-6-methyl-2H-pyran-2,4(3H)-dione Ion(1-) Sodium; 2-Acetyl-5-hydroxy-3-oxo-4-hexenoic Acid d-Lactone Sodium Deriv.; 3-Acetyl-6-methyl-2H-pyran-2,4(3H)-dione Sodium Salt; DHA-S; DHA-sodium; DHN; Dehydroacetic Acid Sodium Salt; Harven; New Side S 01; Prevan; Sodium Dehydroacetate; Tristat SDHA; Sodium 3-Acetyl-6-methyl-2,4-dioxo-3,4-dihydro-2H-pyran-3-ide

Structure:



Molecular Formula:

$C_8H_7NaO_4$

Molecular weight:

190.13

Source of Product:

N/A

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 22-JPO-5-1

Purity: 98%

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

Storage Condition: -20°C, Hygroscopic

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 49.42, %H: 3.66
HPLC Purity	Report Result	100.00% (230 nm)
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	12.49% 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

Nicole Yip



Reviewed By

Toni Rantanen



**C of A Approved
By**

Chanell Chu



Test Date

1/24/2022

Retest Date

1/22/2026