

1. Identification

Catalogue Number

P181505

Lot Number

7-UKS-158-1

Product Name

(R)-Pantoic Acid Sodium Salt

Synonyms

(2R)-2,4-Dihydroxy-3,3-dimethylbutanoic Acid Sodium Salt; (R)-2,4-Dihydroxy-3,3-dimethylbutanoic Acid Monosodium Salt; D-Pantoic Acid Sodium Salt; Sodium (R)-Pantoate; Sodium D-Pantoate;

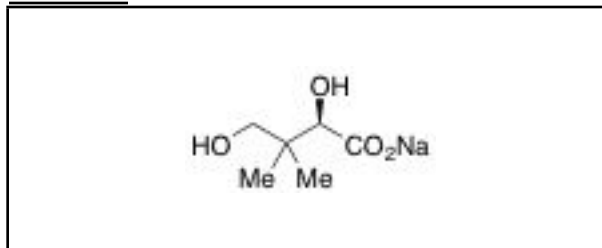
CAS Number

60979-68-2

Solubility

Methanol (Slightly), Water (Slightly)

Structure



Molecular Formula

C₆H₁₁NaO₄

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

170.14

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information




<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 38.13, %H: 7.05
HPLC Purity	>95%	100.00% (ELSD)
MS	Conforms to Structure	Conforms
Sodium Content	Report Result	12.52% 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 ± 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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			10/31/2022	10/29/2032
Henry Tieu	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		