



CERTIFICATE OF ANALYSIS

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1. Identification

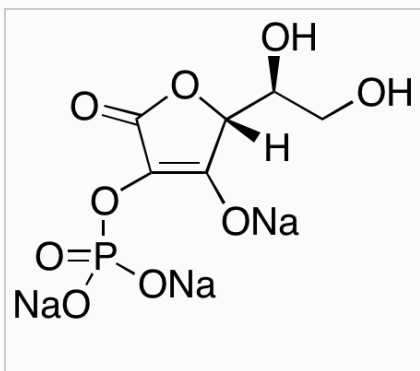
Catalogue Number: P354003

CAS Number: 66170-10-3

Product: 2-Phospho-L-ascorbic Acid Trisodium Salt

Synonym: Ascorbic Acid Phosphate Sodium Salt; L-Ascorbic Acid 2-(Dihydrogen Phosphate) Trisodium Salt; Sodium Ascorbyl Phosphate; Stay-C 50; Trisodium Ascorbate-2-phosphate; VCP-NA;

Structure:



Molecular Formula:

$C_6H_6Na_3O_9P$

Molecular weight:

322.05

Source of Product:

N/A

Solubility:

Acidic DMSO (Slightly), Water (Slightly)

Lot Number: 1-LAH-17-1

Purity: 98%

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

Storage Condition: -20°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
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 20.26, %H: 2.27
MS	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.50% (255 nm)
Water Content	Report Result	~7.3% based on Elemental Analysis

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Nicole Yip	Toni Rantanen	Chanell Chu	5/17/2022	5/15/2026