



CERTIFICATE OF ANALYSIS

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1. Identification

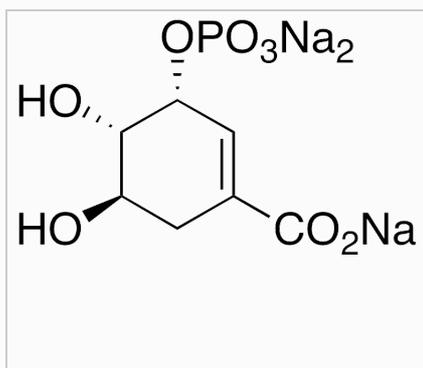
Catalogue Number: S357026

CAS Number: 143393-03-7

Product: Shikimate-3-phosphate Trisodium Salt (~90%)

Synonym: (3R,4S,5R)-4,5-Dihydroxy-3-(phosphonoxy)-1-cyclohexene-1-carboxylic Acid Sodium Salt; [3R-(3 α ,4 α ,5 β)]-4,5-Dihydroxy-3-(phosphonoxy)-1-

Structure:



Molecular Formula:

C₇H₈Na₃O₈P

Molecular weight:

320.08

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly, Sonicated)

Lot Number: 12-KHI-137-3

Purity: ~90%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice, Dry Pack

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Pale Yellow Solid	White Solid
NMR	Conforms to Structure	Conforms
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 22.02, %H: 3.41
HPLC Purity	Report Result	100.00% (ELSD)
MS	Conforms to Structure	Conforms
Water Content	Report Result	~9.4% 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