



CERTIFICATE OF ANALYSIS

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1. Identification

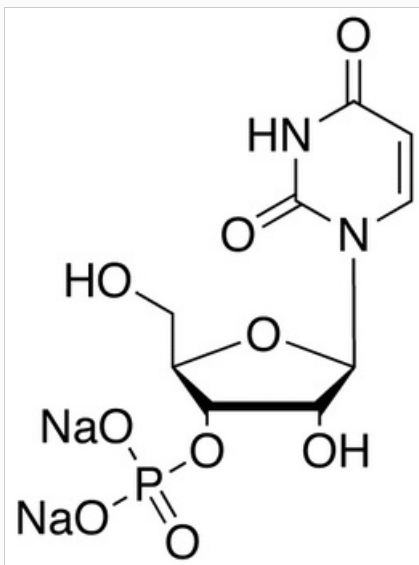
Catalogue Number: U830000

CAS Number: 35170-03-7

Product: Uridine 3'-Monophosphate Disodium Salt

Synonym: Uridylic Acid Disodium Salt; 3'-UMP NA; Disodium 3'-UMP;

Structure:



Molecular Formula:

$C_9H_{11}N_2Na_2O_9P$

Molecular weight:

368.14

Source of Product:

N/A

Solubility:

Water (Slightly)

Lot Number: 2022-SAP-15

Purity: 96%

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

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
Water Content	Report Result	~7.9% based on Elemental Analysis
Elemental Analysis	Conforms	%C: 27.05, %H: 3.87, %N: 7.06
HPLC Purity	Report Result	95.61% (262 nm)
Specific Rotation	Report Result	+18.6° (c = 0.1, Water)
Sodium Content	Report Result	11.64% by Ion Chromatography
MS	Conforms to Structure	Conforms

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
Swathi Reddy	Toni Rantanen	Chanell Chu	8/8/2022	8/6/2026
				