



## 1. Identification

Catalogue Number

U830005

Lot Number

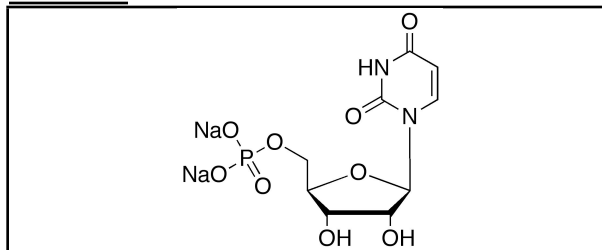
14-DPM-103-4

Product Name

Uridine 5'-Monophosphate Disodium Salt

Synonyms

5'-UMP Disodium Salt; Disodium 5'-UMP; Disodium 5'-Uridylate; Disodium UMP; Disodium Uridine 5'-Monophosphate; Disodium Uridine 5'-Phosphate; NSC 20257; Uridine 5'-(Dihydrogen Phosphate) Disodium Salt; Uridylic Acid Disodium Salt;

StructureCAS Number

3387-36-8

Solubility

Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

Molecular Formula $C_9H_{11}N_2Na_2O_9P$ Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

368.14

Purity

&gt;95%

## 2. Warnings

Very 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
P NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 26.03, %H: 3.75, %N: 6.66
HPLC Purity	>95%	99.95% (260 nm)
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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			6/15/2024	6/13/2028
swathi reddy	Toni Rantanen	Sadaf Samadi		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		