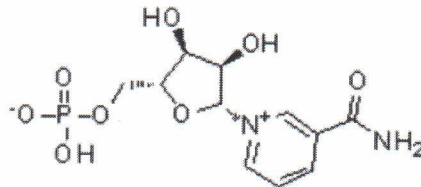




Batch no 23072801
Mf date Jul 28 2023
Retest Jul 27 2026

Molecular Structure



Molecular Formula $C_{11}H_{15}N_2O_8P$

Molecular Weight 334.22

CAS Registry Number 1094-61-7

Aug 21 2023

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to yellowish crystalline powder	Conforms
Identification	IR, HPLC	Positive
Water	$\leq 2.0\%$	0.12%
Heavy metals	Pb ≤ 0.5 ppm	0.001 ppm
	As ≤ 0.5 ppm	ND
	Hg ≤ 0.1 ppm	ND
	Cd ≤ 0.5 ppm	ND
Residual solvents	Ethanol ≤ 5000 ppm	67 ppm
Microbial limit	Total microbial count ≤ 750 CFU/gr	Conforms
	E. coli : Negative	Conforms
	Yeasts & molds ≤ 100 CFU/gr	Conforms
PSD	95% pass though 40 mesh screen	Conforms
Purity	$\geq 98.0\%$	99.72%
Assay	$\geq 98.0\%$ of $C_{11}H_{15}N_2O_8P$	99.7%

Conclusion	Material complies with in-house standard.
Packaging & storage	Store in well closed container at room temperature, away from light.

