NMN

$C_{11}H_{15}N_2O_8P$ · CAS 1094-61-7 · β-Nicotinamide mononucleotide, powder

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
β-Nicotinamide mononucleotide, powder	$C_{11}H_{15}N_2O_8P$	1094-61-7	≥98.0%
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
HPLC	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

β-NMN specified at ≥98.0% by HPLC, for markets and uses where NMN is lawfully permitted; the regulatory status of the destination market is a condition of supply.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Purity (HPLC)	≥98.0%	As stated
Appearance	White to off-white powder	As stated
Identification	HPLC and NMR conform	As stated
pH (5% solution)	2.0–4.0	As stated
Water (Karl Fischer)	≤5.0%	As stated
Heavy metals	Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg	As stated
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	As stated
Particle size	≥95% through 40 mesh	As stated
Marker set	β-NMN ≥98.0% (HPLC)	Identity
Solubility	Freely soluble in water; the 5% solution is acidic (pH 2.0–4.0).	Matrix dependent

APPLICATIONS

- Capsules and tablets
- Powder sticks and drink mixes

AVAILABLE FORMS

- Powder, 40 mesh
- Granulated on request
- Dilution on request

PACKING

STORAGE

- 1 kg foil pouch
- 25 kg fiber drum

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling. The lot-specific retest date is shown on the batch COA.

DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

> **Catalog document.** This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

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