

Technical Data Sheet for NMN

Identification of the manufacturer

Company: Shenzhen Readline Biotech Co., Ltd.

Full address: 3rd Floor, Building 2,, Bio-incubator Base, No. 10 Gaoxin C.1st Ave., Hi-tech Industrial Park, Shenzhen, Guangdong, China

E-mail: sales@szreadline.com

Postcode: 518000

Phone number: 0755-2665 9310

Web: www.szreadline.com

Product identification

Product name: NMN (β -Nicotinamide Mononucleotide)

Purity(HPLC): $\geq 99.0\%$

Assay: 99.0-102.0%

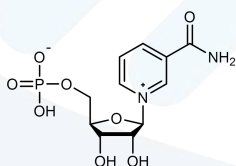
CAS: 1094-61-7

Molecular formula: $C_{11}H_{15}N_2O_8P$

Molecular weight: 334.22

EINECS: 214-136-5

Molecular structure:



Physical and chemical properties

Appearance: White to off-white powder

Clarity and Colour: Colorless to pale yellow and clear(10% w/v in water)

pH: 3.0-4.0

Melting point: 165~175 °C

Bulk density: 0.3~0.8 g/ml

Inorganic analysis

Ethanol: ≤ 500 ppm

MeOH: ≤ 50 ppm

Arsenic: ≤ 0.1 ppm

Cadmium: ≤ 0.2 ppm

Lead: ≤ 0.1 ppm

Mercury: ≤ 0.1 ppm

Microbiological analysis

TAMC: ≤ 100 CFU/g

Mold & yeast: ≤ 25 CFU/g

Coliform: ≤ 0.43 MPN/g

Escherichia coli: N.D

Staphylococcus aureus: N.D

Salmonella: N.D

Production technology

Production method: Enzymic method

Brief description of process: Raw materials— reaction — purification — portioning — drying

Water content: $\leq 0.5\%$

Application area

Main application: Dietary supplements, pet nutrition

Adive for application:

Dietary supplements: capsules (250~500 mg/capsule)

Pet nutrition: capsules/ tablets (100 mg/capsule)

Recipe attention: Controlling acidity and alkalinity

Packaging and storage

Packaging: 1 kg/bag, 25 kg/bucket

Storage:

Store in an airtight container in a clean, light-proof and cool place

Long-term storage at 4 °C

Shelf life:24 months

Version: RDL_V2.0

