

## NICOTINAMIDA MONONUCLEOTIDA (beta-NMN)

PRODUCT CODE: 3968826	CAS Nº: 1094-61-7	ANALYSIS Nº: 121/24
MANUFACTURER BATCH: XJY01240402	CERTIFICATE ID: 42.104	
SUPPLIER BATCH: ----	MANUFACTURING DATE: 02/04/2024	
METAPH BATCH: 0050524	EXPIRY DATE: 02/04/2026	

ATTRIBUTES	SHOULD BE	IS
Appearance	White to off-white powder	White powder (*)
Identification	Complies	Complies (*)
Purity	=> 99.5 %	99.7 % (*)
Water	=< 0.5 %	0.1 % (*)
pH	3.0 - 4.0	3.3
Ethanol	=< 500 ppm	Complies
Heavy metals		
Lead	=< 0.1 ppm	Complies
Mercury	=< 0.1 ppm	Complies
Cadmium	=< 0.2 ppm	Complies
Arsenic	=< 0.1 ppm	Complies
Microbiological control		
TAMC	=< 500 CFU/g	< 10 CFU/g
TYMC	=< 50 CFU/g	< 10 CFU/g
Coliforms	=< 0.92 MPN/g	Complies
Staphylococcus aureus	Absence/25g	Complies
Salmonella	Absence/25g	Complies

### COMPLIES WITH

Manufacturing Specifications

### REMARKS

Product intended for pharmaceutical purposes.

beta-Nicotinamide Mononucleotide is subjected to the requirements of the ICH Q3D "Elemental Impurities" guideline and the requirements of guides EMA/CHMP/ICH/82260/2006.

(\*) Data controlled by Metapharmaceutical Industrial SL.

Absence of N-nitrosamines impurities has been ensured after a risk evaluation according to ICH Q9, ICH M7 and in accordance with guidelines EMA/428592/2019 Rev 2 and EMA/189634/2019.

Certificates of residual solvents, allergens, non-GMO and BSE-TSE, among others, are available upon request.

All methods of analysis are validated by official pharmacopoeias or are validated by internal methods of the manufacturer, which can be obtained at specific request. The above information does not exempt from the obligation to identify the product before use.

### STORAGE

Sealed package, store in dry and dark at room temperature.

Analysis date: 28/05/2024  
 Signature: Albert Sanchez Lopez (QP)  
 Conclusion: Complies

Manufacturer: 40001222

