

LONGEVIRTM**Yeast Fermented β -Nicotinamide mononucleotide
M-CoA**

Product name	β -Nicotinamide Mononucleotide		
Molecular formula	C ₁₁ H ₁₅ N ₂ O ₈ P		
Molecular weight	334.22 g/mol		
Production method	Yeast Fermentation (<i>Saccharomyces cerevisiae</i>)		
LOT Number	YFNMNK1805251	Production date	18th May 2025
Country of Origine	The Netherlands	Expiry Date	17th May 2027

PHYSICAL SPECIFICATIONS			
ITEM	Specification	Method	Result
Appearance	White to off-white crystalline powder	Visual	Conforms
Smell	Typical	Organoleptic	Conforms
Taste	Light Sweet-Bitter	Organoleptic	Conforms

ASSAY			
Parameter	Specification	Method	Result
Purity	99%	HPLC	99.30%
Residual Solvent (Ethanol)	0.05%	GC-MS	0.03%

CONTAMINATIONS			
Parameter	Specification	Method	Result
Heavy metals	Less than 2 ppm	ICP-MS	Conforms
Cadmium (Cd)	Less than 0,5 ppm	ICP-MS	Conforms
Arsenic (As)	Less than 0,5 ppm	ICP-MS	Conforms
Mercury (Hg)	Less than 0,1 ppm	HG-analyser	Conforms
Lead (Pb)	Less than 0,5 ppm	ICP-MS	Conforms
Data in compliance with (or lower than) COMMISSION REGULATION (EC) nr. 1881/2006 and its amendments.			

MICROBIOLOGY (CFU/g)			
Parameter	Specification	Method	Result
TPC	< 1000	Ph.Eur.2.6.12.	<100
Enterobacteriaceae	< 100	Ph.Eur.2.6.13.	<10
Yeast and mold	< 100	Ph.Eur.2.6.12.	<10
Salmonella	Absent in 25 g	Ph.Eur.2.6.13.	Conforms
E.Coli	Absent	Ph.Eur.2.6.13.	Conforms
S.Aureus	Absent	Ph.Eur.2.6.13.	Conforms
Data in compliance with COMMISSION REGULATION (EC) nr. 2073/2005 and its amendments.			

SATBILITY SHELF LIFE AND STORAGE	
Stability	Stable at room temperature when protected from light and

Shelf life	2 years if sealed and stored properly
Storage	Store in a cool, dry place at 2–8°C in a tightly closed container.

Approval procedure**Date of Analysis: 21.5.2025****Date of the approval 03.06.2025****Approved by: Samo Borko Msc**
