



**VILNIAUS UNIVERSITETAS
VILNIUS UNIVERSITY**

Test Report

Client: Hansen Supplements

Purpose of test: Verification of delivered product

Sample description: Beta-Nicotinamide Mononucleotide

Brand name: Hansen Supplements

Description of the substance

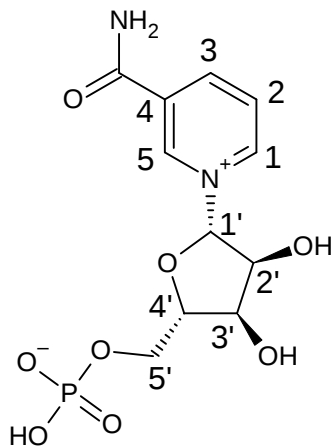
Sample size: 5 g

Property: powder

Chemical formula: C₁₁H₁₅N₂O₈P

CAS number: 1094-61-7

Chemical structure:



Batch No: X01250701

Date tested: 10.10.2025

Test items: Identification of substance, purity.

Summary: The sample structure was identified and meets the purity requirements. Spectral data provided to the customer.

Measured purity: 99% based on ^1H NMR. ^1H and ^{13}C NMR spectra in D_2O , shown below.

Authentication method: : Airhart SE, Shireman LM, Risler LJ, Anderson GD, Nagana Gowda GA, Raftery D, et al. (2017) An open-label, non-randomized study of the pharmacokinetics of the nutritional supplement nicotinamide riboside (NR) and its effects on blood NAD^+ levels in healthy volunteers. PLoS ONE 12 (12): e0186459. <https://doi.org/10.1371/journal.pone.0186459>

Tested by: Vytautas Klimavičius

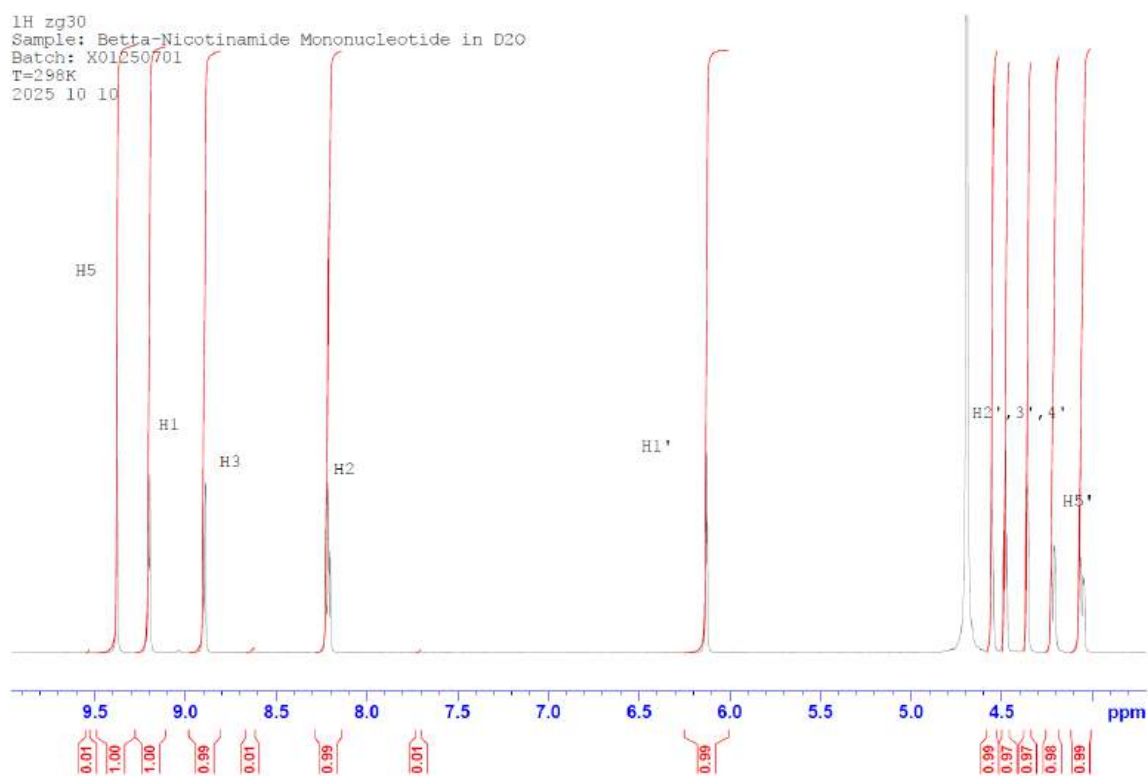


Fig 1. ^1H NMR spectrum of Beta-Nicotinamide Mononucleotide (Batch:X01250701) in D_2O .

¹³C
Sample: Beta-Nicotinamide Mononucleotide in D₂O
Batch: X01250701
T=298K
2025 10 10

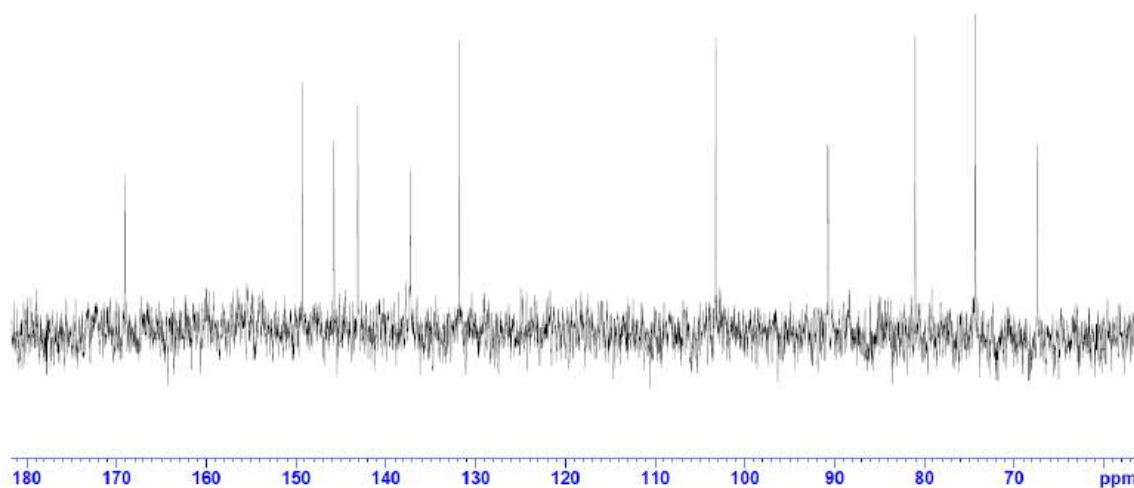
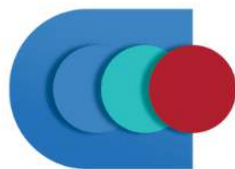


Fig 2. ¹³C NMR spectrum of Beta-Nicotinamide Mononucleotide (Batch:X01250701) in D₂O.

17.10.2025

dr. Vytautas Klimavičius



Research
and Development Centers
University of Zielona Góra

Kalsk, 27.05.2025

Research Report No. R-00000-27-05-2025-01 II

Date of samples received: 16.05.2025r.

Sampler: Orderer
(authorisation number)

Address:

Kalsk 122
66-100 Sulechów
POLAND

Order number: Z-00000-16-05-2025-01

lab-analizy@cbr-uz.pl
T: 885 636 000

Orderer: Hansen Supplements

Details about samples:

Ordinal number	Sample ID	Sample description	LOIWA Sample ID	Sample condition
2	-	NMN XJY01250331; 03-2027	0525/35	without objection



CBR UZ Sp. z o.o. | 51A Armii Krajowej Street, 66-100 Sulechów
Tax ID: 9731010911 | Statistical Number: 081090655
National Court Register: 0000440711 | Share Capital: PLN 220,000



+ 48 68 300 02 02
kontakt@cbr-uz.pl



cbr-uz.pl

Analysis results

LOIWA Sampe ID	Sample description	Nutritional value	Method number	Accre ditati on	Unit	limit of quantific ation [mg/L]	Result
0525/35	NMN XJY01250331; 03-2027	Cadmium	KJ-IW-L- SPE-001	No	mg/kg	0,001	none or below the limit of quantification
		Lead			mg/kg	0,003	none or below the limit of quantification
		Mercury			mg/kg	0,015	none or below the limit of quantification
		Arsenic			mg/kg	0,005	none or below the limit of quantification

The Cadmium and the Lead content does not exceed the permissible limits of this heavy metal for dietary supplements.

Report prepared by:

Maja Adamska
Instrumental Analysis Specialist

Report approved by:

Zuzanna Królicka
Laboratory Manager
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广微测
Gmicro Testing



中国认可
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检测
TESTING
CNAS L1747

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS

Report №.

2026SP00600R01E

Name of Sample

β -Nicotinamide Mononucleotide

Applicant

Hansen Supplements

Test Type

Entrustment Test



Address: Building 66, No.100 , Xianlie Middle Road, Guangzhou, China

Postcode: 510070

Tel: +86 20 87137666

Fax : +86 20 87137668

Website : www.gddcm.com



广微测
Gmicro Testing

GUANGDONG DETECTION CENTER OF MICROBIOLOGY

REPORT FOR ANALYSIS



Report №.) 2026SP00600R01E

Verification Code: 3D3MW8SY

Name of Sample	β -Nicotinamide Mononucleotide	Test Type	Entrustment Test
Applicant	Hansen Supplements	Address	Warsaw, Poland
Sample Source	Submitted for Testing by the Applicant	Sample Quantity	10g
Spec and Lot № of Sample	XJY01260112	State and Characteristic	Pulverous
Sample Received Date	2026-01-20	Completion Date	2026-01-23
Item Tested	Bacterial endotoxin		
Test Standard and Method	<i>Pharmacopoeia of the People's Republic of China</i> , 2025 edition, Volume IV, pp. P251-254, General (1143) Dynamic turbidimetry (Method 3)		
Test Conclusion	The test data of the sample(s) is attached to the page(s) of this report. Issue Date: 2026-01-23 (Official Seal)		
Remarks			

Editor: Li Jiashu

Verifier: Chen Ling

Approver: Guo Weipeng



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ANALYSIS AND TEST RESULT

Report №.: 2026SP00600R01E

Sample pretreatment: Take 0.1g of the sample and dissolve it in 10 mL of bacterial endotoxin test water. Then, dilute it with bacterial endotoxin test water to a concentration of 1 mg/mL to prepare the test solution.				
№.	Test Item	Test Result	Unit	Test Method
1	Bacterial endotoxin	0.013	EU/mg	<i>Pharmacopoeia of the People's Republic of China</i> , 2025 edition, Volume IV, pp. P251-254, General (1143) Dynamic turbidimetry (Method 3)
(Blank below)				

分析
专用



Report №.: 2026SP00600R01E

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