

Certificate Of Analysis



Client:**EUROLAB Peptides**

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Sample Identification

Sample Name NAD+ 1000 mg **Batch Number** NAD+/100-01 **Date Published** 2026-02-16 17:14

Results for Lyo-0293

Analysis of Peptide Identity, Content and Purity	Result	Unit	Reporting Uncertainty Limit
NAD+ Assay Peptide Screening	> 1000	mg	
NAD+ Identification by RT Peptide Screening	0.997		[± 0.005]
NAD+ Identification by spectrum Peptide Screening	1000		[± 20]
NAD+ Purity Peptide Screening	98.5	%	[± 0.5]

Attachments for Lyo-0293



	Method Specification	
Determination of identity, content and purity of NAD⁺		
<i>Document number</i> NAD_001_2026	<i>Superseded document</i> -	<i>Number of pages</i> 3

1. Content Assessment

1.1. Instrumentation

Module	Name	Serial Number
System Controller	Shimadzu SCL-10ADvp	C21014112659
Degassing Unit	Shimadzu DGU-14A	NA
Pump A	Shimadzu LC-10ADvp	C20964130075
Pump B	Shimadzu LC-10ADvp	C20953770781
Autosampler	Shimadzu SIL-10ADvp	C21054109114
Column Thermostat	Shimadzu CTO-10ACvp	C21033770144
Detector	Shimadzu SPD-10ADvp	C20994233588

1.2. Chromatographic conditions

Chromatographic conditions	
Eluent A	10mM ammonium formate in 0.05% Formic acid in Water (HPLC, Gradient Grade)
Eluent B	0.05% Formic acid in Acetonitrile (HPLC, Gradient Grade)
Flow rate	1.0 mL/min
Program	Gradient elution
Injection volume	0.5 µL
Column Temperature	40°C
Column	Phenomenex Kinetex 5u C18 100x4.6 mm 100A
Detection wavelength	260nm

Gradient Program		
Time [min]	A [%]	B [%]
2	95	5
6	50	50
8	50	50
10	95	5
14	end	

1

Attachment for Lyo-0293

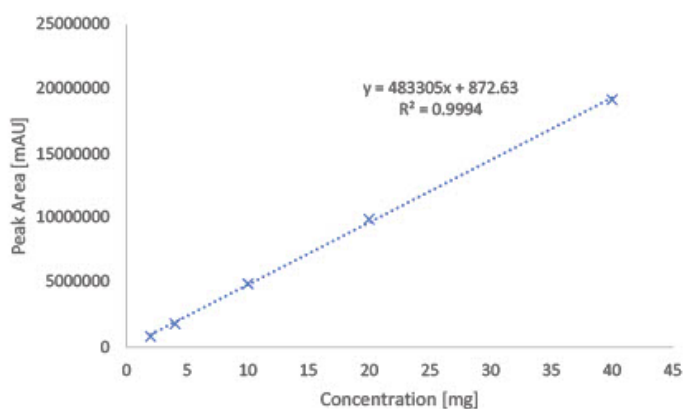
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1.3. Sample preparation

Whole amount of container was dissolved in 10mL of water (HPLC, Gradient Grade). Aliquote part of 0.1 mL was dispensed into HPLC vial, diluted by 0.9 mL of Water (HPLC, Gradient Grade) and. Diluted sample was used for HPLC analysis.

1.4. Calibration curve

Calibration curve detail	
Quantitative method	External Standard
Calibration Type	Linear
Number of calibration points	5
Force through Zero	Disabled
Weighting Method	None



2. Purity assessment

2.1 Instrumentation

Module	Name	Serial Number
System Controller	Shimadzu SCL-10ADvp	C21014112659
Degassing Unit	Shimadzu DGU-14A	NA
Pump A	Shimadzu LC-10ADvp	C20964130075
Pump B	Shimadzu LC-10ADvp	C20953770781
Autosampler	Shimadzu SIL-10ADvp	C21054109114
Column Thermostat	Shimadzu CTO-10ACvp	C21033770144
Detector	Shimadzu SPD-10ADvp	C20994233588

2.2 Chromatographic conditions

Chromatographic conditions	
Eluent A	10mM ammonium formate in 0.05% Formic acid in Water (HPLC, Gradient Grade)
Eluent B	0.05% Formic acid in Acetonitrile (HPLC, Gradient Grade)
Flow rate	1.0 mL/min
Program	Gradient elution
Injection volume	0.5 µL
Column Temperature	40°C
Column	Phenomenex Kinetex 5u C18 100x4.6 mm 100A
Detection wavelength	260nm

Gradient Program		
Time [min]	A [%]	B [%]
2	95	5
6	50	50
8	50	50
10	95	5
14	end	

1.5. Sample preparation

Whole amount of container was dissolved in 10mL of water (HPLC, Gradient Grade). Aliquote part of 0.1 mL was dispensed into HPLC vial, diluted by 0.9 mL of Water (HPLC, Gradient Grade) and. Diluted sample was used for HPLC analysis.

1.6. Purity assesment

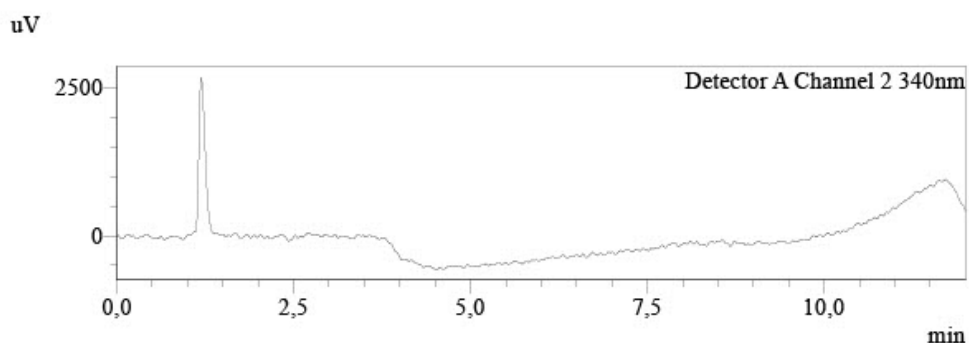
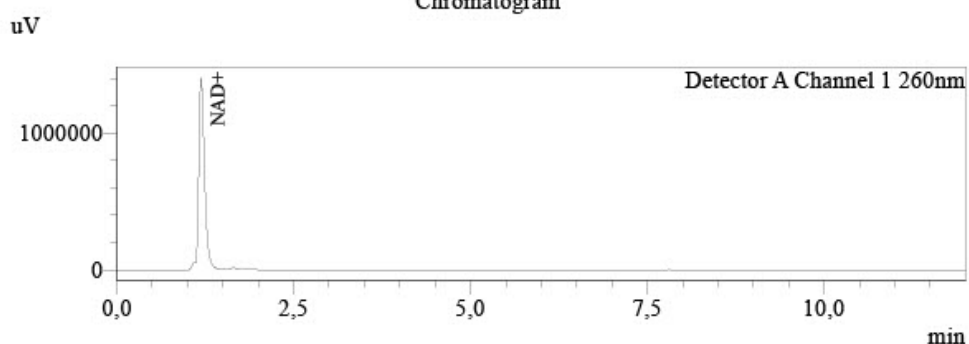
Purity of compound assesed by area normalization method, comparing area of each peak to sum of area of all peaks detected at wavelenght of 214 nm.

Analysis Report



Sample Information
Injection Volume : 0,5
Data File : LYO-0293_012.lcd
Method File : NUC_HILIC.lcm
Date Acquired : 11.02.2026 18:52:30

Chromatogram



Peak Table

Detector A Channel 1 260nm					
Peak#	Name	Ret. Time	Conc.	Unit	Area%
1		1.078	0.000		0.522
2	NAD+	1.191	1249.364	mg	98.483
3		1.648	0.000		0.995
Total					100.000

Peak Table

Detector A Channel 2 340nm				
Peak#	Name	Ret. Time	Conc.	Unit
Total				

Attachment for Lyo-0293
Filename: LYO-0293.jpg

Responsibles



Mr. Ján Galbavý
Founder/Manager

Analysis results relate only to the samples tested.

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