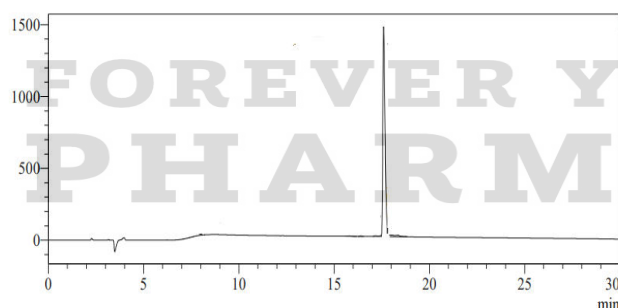


**CERTIFICATE OF ANALYSIS****SAMPLE INFORMATION**

Product Name	NAD+ 500 mg (Nicotinamide adenine dinucleotide)
Client Name/Lot No.	Ai-Peptides / Batch #2
Sequence	C21H28N7O14P2
Dissolution condition	100% H2O
Length	13AA
Molecular Weight	664 g/mol

CHROMATOGRAM

mV



Peak #	Ret. Time	Area %
1	7.505	0.145
2	17.721	99.798
3	18.005	0.020
4	18.033	0.037

TEST RESULTS

	Specifications	Results
Strength	500.00 mg	560.25 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.8%
pH value	4.0-6.0	5.0
Impurity	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.2%

TEST PARAMETERS

Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	1.0ml/min
Wavelength	214nm
Analytical Column Type	Agilent ZORBAX StableBond 5µm C18 (4.6*250mm*5 µm)
Dissolution Method	100% H2O
Injection Volume	20uL

CONCLUSION

One 10ml amber vial contained a white lyophilized powder and has a clear cap with a silver crimp.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% NAD+ (560.25 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
04/24/2025



****Verify the validity of test results by contacting support@foreveryoungpharmacy.com****