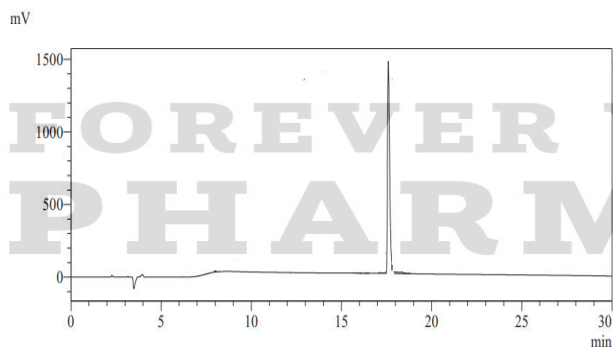


**CERTIFICATE OF ANALYSIS****SAMPLE INFORMATION**

Product Name	NAD+ 1000 mg (Nicotinamide adenine dinucleotide)
Client Name/Lot No.	Alchemy Peptides
Sequence	C21H28N7O14P2
Dissolution condition	100% H2O
Length	13AA
Molecular Weight	664 g/mol

CHROMATOGRAM

Peak #	Ret. Time	Area %
1	7.545	0.103
2	17.687	0.050
3	17.720	99.813
4	17.833	0.034

TEST RESULTS

	Specifications	Results
Strength	1000.00 mg	1053.30 mg
Appearance	White to off white lyophilized powder	Conforms
Purity	≥98.0%	99.8%
pH value	4.0-6.0	6.0
Impurity	Single Impurity ≤1.0%	0.1%
	Total Impurity ≤2.0%	0.2%

TEST PARAMETERS

Pump A	0.1% TFA 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 vial contained a white lyophilized powder and has a clear cap with bronze foil.

The sample was analysed using Reverse Phase High Performance Liquid Chromatography (RP-HPLC) and determined to contain 99.8% NAD+ (1053.30 mg), and the rest are impurities of minor significance.

CERTIFIED BY:

Dane Fredericksen
Analytical Chemist
04/21/2025



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