

CERTIFICATE OF ANALYSIS

Test Product:	NAD ⁺ 500 mg	Batch/Lot #:	N/A
Description:	10 mL amber glass vial of lyophilized powder w/ duplicate (Blue Caps / Silver Crimps)	Exp. Date:	N/A
Receive Date:	2025-11-08	Analysis Date:	2025-11-08
Testing Laboratory:	Analytical Formulations, Inc. (AFI)	Report Type:	Summary Report

ANALYTICAL TEST RESULTS

Component	Test	Method	Specification	Result
NAD ⁺	Qualitative ID	Lambda Max	Sample λ_{max} is a match compared to its characteristic reference standard	Pass (Matches)
NAD ⁺ (duplicate)	Qualitative ID	Lambda Max	Sample λ_{max} is a match compared to its characteristic reference standard	Pass (Matches)
NAD ⁺	Percent Purity	Correlation Coefficient	NLT 98%	Pass 99.6%
NAD ⁺ (duplicate)	Percent Purity	Correlation Coefficient	NLT 98%	Pass 99.6%
NAD ⁺	Quantitative Assay	Beer-Lambert	NLT 95% label claim (mg/vial)	Pass 536.41 mg
NAD ⁺ (duplicate)	Quantitative Assay	Beer-Lambert	NLT 95% label claim (mg/vial)	Pass 534.51 mg

CONCLUSION: QUALIFIED (All specifications met — samples meet all specifications requested for testing)

DISCUSSION

Samples received sealed and in good condition. Tested on a Jenway 6715 UV/Vis spectrophotometer with a pulsed Xe lamp using 1.0 cm quartz cuvettes. System suitability, daily wavelength calibration, and standard checks pass all SOP criteria.

STORAGE CONDITIONS

Store lyophilized powder in sealed amber glass vials. Recommended storage: 2–8°C. Protect from light and moisture.