

# CERTIFICATE OF ANALYSIS

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

## ANALYTICAL TEST RESULTS

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