Redstone Analytics, LLC
Quantitative Studies & Lab Services Est. 2007
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Report No: RPT-2026-1317
Issued: 08/02/2026

- Comprehensive Purity Report -

Test Product:	NAD+ 1000mg	**Manufacturer:**	GL Biochem – Shanghai, CN
Client:	Stateside Peptide Supply	**Batch/Lot #:**	SPS20266557
Description:	Sealed vial containing white to off-white powder with test label attached		

COMPOUND	TEST	SPECIFICATION	RESULT
NAD+ 1000mg CAS: 53-84-9 MW: 663.43 Da 	**Qualitative ID** Lambda Max	TS Lambda(max) is a match compared to its characteristic reference standard.	**Match** ☒ Pass
	Percent Purity Correlation Coefficient	**NLT 98%** $r_{xy} = \frac{\sum_{i=1}^{n}(x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^{n}(x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^{n}(y_i - \bar{y})^2}}$	**99.2%** ☒ Pass
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) % = (A_TS / A_STD) x (C_STD / C_TS) x 100	**1007.98 mg** ☒ Pass
	Heavy Metals Total Quantity (Pb, Cd, Hg, Ni, Fe, Co)	NMT 150ppb/vial Heavy Metals (Inc: Pb, Cd, Hg, Ni, Fe & Co)	**<10ppb** ☒ Pass
	TAMC Aerobic Microbial 48hrs @ 37°C	NMT 1,000 CFU Aerobic Coliform Incubated for 48hrs @ 37°C	**0** ☒ Pass
	TYMC Yeast & Mold 48hrs @ 30°C	NMT 100 CFU Yeast & Molds Incubated for 48hrs @ 30°C	**0** ☒ Pass

Overall Assessment

Excellent purity

GOOD LABORATORY PRACTICE CGLP® CERTIFIED

REDSTONE ANALYTICS GUARANTEED CERTIFICATE OF ANALYSIS AUTHORIZED SIGNATURE AUTHORIZED SIGNATURE

Performing Analyst Initial & Date: 08/02/2026

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Analytical Instrumentation: HPLC Analysis: Agilent 1260 Infinity II HPLC System | Mass Confirmation: Agilent 6545 Quadrupole Time-of-Flight (Q-TOF) LC/MS

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