Analytical Formulations, Inc.
Premiere Consulting & Lab Services since 2008
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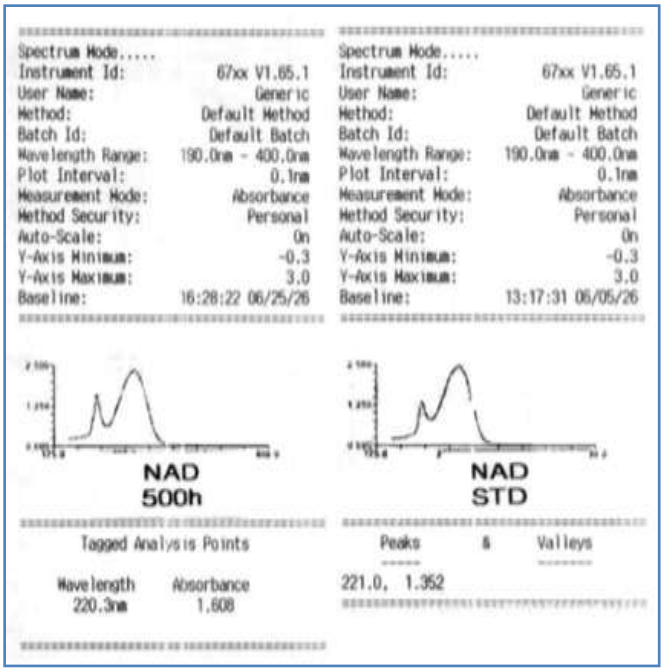
- Summary Report -

Test Product:	**NAD+ 500mg**	**Receive Date:**	06-22-26
Client:	**Hot Girl Labs Co.**	**Batch/Lot #:**	HGLNAD04
Description:	10ml amber glass vial of white lyophilized powder. (Blue cap / Silver crimp)	**Manufacturer:**	N/A

COMPONENT	TEST	SPECIFICATION	RESULT
b-NAD+	**Qualitative ID** Lambda Max	Test Sample (TS) λ_{max} matches its characteristic reference standard.	**Matches** ∴ **Pass**
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^{n}(x_i-\bar{x})\cdot(y_i-\bar{y})}{\sqrt{\sum_{i=1}^{n}(x_i-\bar{x})^2}\cdot\sqrt{\sum_{i=1}^{n}(y_i-\bar{y})^2}}$	**99.7%** ∴ **Pass**
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) % = $(A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	**594.67mg** ∴ **Pass**

Tested on a Jenway 6715 UV/Vis spectrophotometer.

Discussion:
Sample received sealed and in good condition.



Performing Analyst **Initial & Date:** 28 June 2026

Internal tracking copy: Batch/Lot value assigned by Hot Girl Labs.

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