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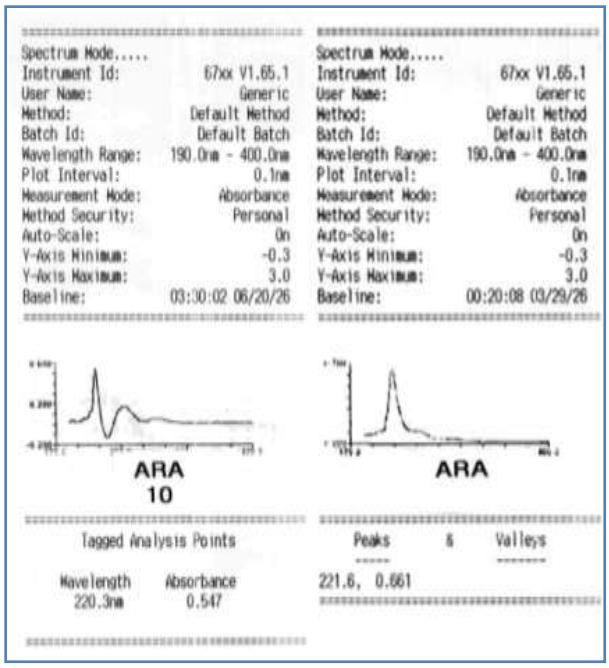
- Summary Report -

Test Product:	**ARA-290 10mg**	**Receive Date:**	06-10-26
Client:	**Lumineris Scientific**	**Manufacturer:**	N/A
Description:	3ml glass vial of white, lyophilized powder. (Pink Cap / Silver Crimp)	**Batch/Lot #:**	LS-ARA10-2662

COMPONENT	TEST	SPECIFICATION	RESULT
ARA-290	**Qualitative ID** Lambda Max	TS λ_{max} is a match compared to its characteristic reference standard.	**Matches** ∴ **Pass**
	Percent Purity Correlation Coefficient	NLT 98% $r_{xy} = \frac{\sum_{i=1}^{n}(x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^{n}(x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^{n}(y_i - \bar{y})^2}}$	**99.4%** ∴ **Pass**
	Quantitative Assay Beer-Lambert	NLT 95% label claim (mg/vial) % = (A_{TS}/A_{STD}) x (C_{STD}/C_{TS}) x 100	**10.76mg** ∴ **Pass**

Tested on a Jenway 6715 UV/Vis Spectrophotometer.

Discussion:
Sample received sealed and in good condition.



Spectrum Mode.....		Spectrum Mode.....	
Instrument Id:	67xx V1.65.1	Instrument Id:	67xx V1.65.1
User Name:	Generic	User Name:	Generic
Method:	Default Method	Method:	Default Method
Batch Id:	Default Batch	Batch Id:	Default Batch
Wavelength Range:	190.0nm - 400.0nm	Wavelength Range:	190.0nm - 400.0nm
Plot Interval:	0.1nm	Plot Interval:	0.1nm
Measurement Mode:	Absorbance	Measurement Mode:	Absorbance
Method Security:	Personal	Method Security:	Personal
Auto-Scale:	On	Auto-Scale:	On
Y-Axis Minimum:	-0.3	Y-Axis Minimum:	-0.3
Y-Axis Maximum:	3.0	Y-Axis Maximum:	3.0
Baseline:	03:30:02 06/20/26	Baseline:	00:20:08 03/29/26

Tagged Analysis Points		Peaks & Valleys
Wavelength	Absorbance	221.6, 0.661
220.3nm	0.547	

Performing Analyst **Initial & Date:** 22 June 2026

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