



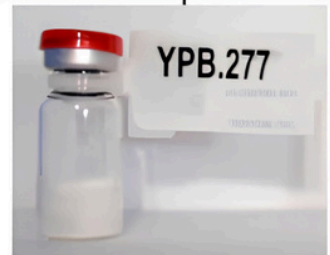
## - Summary Report -


<b>Test Product:</b> <b>ARA-290 10mg</b>	<b>Manufacturer:</b> YPB Labs
<b>Client:</b> PureMD Labs	<b>Batch/Lot #:</b> (see flag tag)
<b>Description:</b> Vial with White Powder - Sealed with plastic Security Cap - Flag Tag attached at neck with Manufacture/Product Sku Number - PO and Expiration on Flag Tag.	

COMPONENT	TEST	SPECIFICATION	RESULT
<b>ARA-290</b>	<b>Qualitative ID</b> Lambda Max	TS $\lambda_{max}$ is a match compared to its characteristic reference standard.*	<b>Matches</b> ∴ <b>Pass</b>
	<b>Percent Purity</b> Correlation Coefficient	NLT 98%* $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$	<b>99.8%</b> ∴ <b>Pass</b>
	<b>Quantitative Assay</b> Beer-Lambert	NLT 95% label claim (mg/vial)* % = $(A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$	<b>9.97mg</b> ∴ <b>Pass</b>
	<b>Heavy Metals</b> Total Quantity	NMT 150ppb/vial Heavy Metals (including Pb, Cd, Hg, Ni, Fe & Co)	<b>&lt;10ppb</b> ∴ <b>Pass</b>
	<b>TAMC</b> (Total Aerobic Microbial Counts)	NMT 100CFU/ml Aerobic/Coliform incubated 48hrs @ 37°C*	<b>0</b> ∴ <b>Pass</b>
	<b>TYMC</b> (Total Yeast and Mold Counts)	NMT 100CFU/ml Yeast & Molds incubated for 48hrs @ 30°C*	<b>0</b> ∴ <b>Pass</b>

*Tested on a Jenway 6715 UV/Vis Spectrophotometer.*

\* Based on Substances For Pharmaceutical Use compendial SOP.



**Performing Analyst** Initial & Date:  **3 January 2026**

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