



- Summary Report -

Test Product: **ARA-290 10mg** **Manufacturer:**

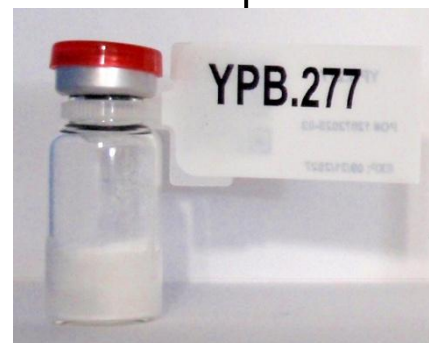
Client: **Batch/Lot #:** (see flag tag)

Description: 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 |
|----------------|--|---|-----------------------------------|
| 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%* $r_{xy} = \frac{\sum_{i=1}^n (x_i - \bar{x}) \cdot (y_i - \bar{y})}{\sqrt{\sum_{i=1}^n (x_i - \bar{x})^2} \cdot \sqrt{\sum_{i=1}^n (y_i - \bar{y})^2}}$ | 99.8% ∴ Pass |
| | Quantitative Assay Beer-Lambert | NLT 95% label claim (mg/vial)* % = $(A_{TS}/A_{STD}) \times (C_{STD}/C_{TS}) \times 100$ | 9.97mg ∴ Pass |
| | Heavy Metals Total Quantity | NMT 150ppb/vial Heavy Metals (including Pb, Cd, Hg, Ni, Fe & Co) | <10ppb ∴ Pass |
| | TAMC (Total Aerobic Microbial Counts) | NMT 100CFU/ml Aerobic/Coliform incubated 48hrs @ 37°C* | 0 ∴ Pass |
| | TYMC (Total Yeast and Mold Counts) | NMT 100CFU/ml Yeast & Molds incubated for 48hrs @ 30°C* | 0 ∴ Pass |

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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