



## - Summary Report -

**Test Product:** GHK-Cu 50mg

**Manufacturer:** YPB Labs

**Client:** PureMD Labs

**Batch/Lot #:** CU50202028

**Description:** Vial with blue 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
GHK-Cu	<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>99.4%</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>57.61mg</b> ∴ <b>Pass</b>
	<b>Heavy Metals</b> Total Quantity	NMT 100ppb/vial Heavy Metals (including Pb, Cd, Hg, Ni, Fe & Co)	<b>&lt;100ppb</b> ∴ <b>Pass</b>
	<b>TAMC</b> (Total Aerobic Microbial Counts)	NMT 100 CFU* Aerobic/Coliform incubated 48hrs @ 37°C	<b>0</b> ∴ <b>Pass</b>
	<b>TYMC</b> (Total Yeast and Mold Counts)	NMT 10 CFU* 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 compendium.



**Performing Analyst Initial & Date:**  13 May 2026

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