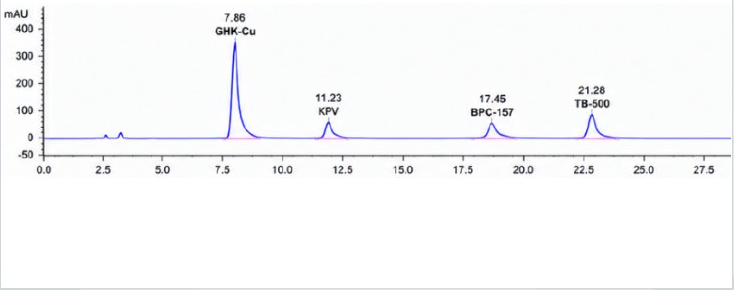
PacifiCOAnalytics
INDEPENDENT LABORATORY · BRITISH COLUMBIA

Certificate of Analysis
Analytical Testing Report

REPORT ID: PCA-2026-816934
SMP-2026-B38B0B
GENERATED: October 26, 2026

SAMPLE IDENTIFICATION

Peptide:	**KLOW 80 MG**	Date Requested:	**October 21, 2026**
Client:	**Quantum**	Date Received:	**October 23, 2026**
Vendor:		Date Tested:	**October 26, 2026**
Lot Number:	**2d**	Date Reported:	**October 26, 2026**
Batch Number:	**261130**		



EXPECTED CONTENT
80 mg

MASS
53.22, 11.09, 10.95, 11.17

PURITY
98.71%

FILL ACCURACY





Appearance	**Blue lyophilized powder**
Cap Color	**Yellow**

ANALYTICAL RESULTS

	TEST	METHOD	RESULT	STATUS
1	**Peptide Identity**	FTIR-ATR	Sample infrared spectrum consistent with reference standard with excipients	CONFORMS
2	**Purity**	HPLC-DAD	Main Peak 98.71% (98.50% at 7.86 min, 99.03% at 11.23 min, 99.07% at 17.45 min and 99.09% at 21.28 min)	CONFORMS
3	**Net Content**	HPLC assay	53.22, 11.09, 10.95, 11.17 net content quantified using calibrated HPLC against characterized standard	CONFORMS
4	**Orthogonal Verification**	CE-UV · UV-Vis	Migration time and spectrum consistent with reference standard	CONFORMS
5	**Endotoxin**	LAL Gel Clot	Not Detected - Threshold 0.06 EU/vial	CONFORMS
6	**Heavy Metals**	Colorimetric Screening	Not Detected - Pb, Hg, As, Cd	CONFORMS

NOTES

RP-HPLC-DAD Agilent AdvanceBio Peptide Mapping 4.6 x 150, 2.7 µm A: 0.1% FA in H2O B: 0.1% FA in ACN 1.0 mL/min 5-35% B @ 40 C Full Spectrum of Main Peak

Prepared, reviewed and authorized for release by Pacific COA Analytics.
info@pacificoanalytics.ca

This Certificate of Analysis is provided for informational and research purposes only.

Digital Verification

PACIFICOANALYTICS INC.
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