HK Analytical

Certificate of Analysis
HK-261025-5E7JSK
Example report, not a test result



KLOW 80 mg

Blend of GHK-Cu, BPC-157, TB-500, KPV

CLIENT	TESTED	ISSUED
Example client	16 Oct 2026	25 Oct 2026

All components identified

4 of 4 confirmed by mass

COMPONENT	CONTENT PER VIAL	IDENTITY · LC-MS
GHK-Cu	50.4 mg	✓ Confirmed
BPC-157	10.2 mg	✓ Confirmed
TB-500	9.9 mg	✓ Confirmed
KPV	10.1 mg	✓ Confirmed

TEST	RESULT	LIMIT	STATUS
Purity HPLC-UV	N/A Not measurable in a blend: the components' peaks overlap.	–	N/A
Endotoxin Kinetic LAL	< 0.04 EU/mg	–	Reported

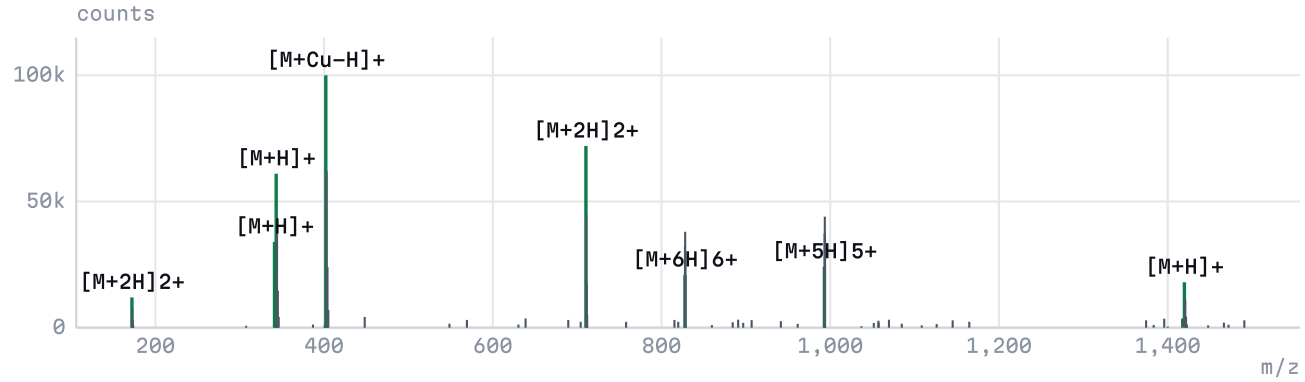
APPROVED
Example approver
Quality manager · 17 Oct 2026

CHECK THIS REPORT
hkanalytical.com/verify
Key S55EW-QZ3WR-JVVT4-HRXQ7-VZ74V6

Identity LC-MS

KLOW 80 mg · GHK-Cu ✓ Confirmed · BPC-157 ✓ Confirmed · TB-500 ✓ Confirmed · KPV ✓ Confirmed

Mass spectrum · MS1, summed over each component's peak — 72 centroids



IONS · MASS ERROR = (OBSERVED − EXPECTED) / EXPECTED × 10⁶

COMPONENT	ION	EXPECTED M/Z	OBSERVED M/Z	ERROR (PPM)
GHK-Cu	[M+Cu−H]+	402.1071	402.1077	+1.5
GHK-Cu	[M+H]+	341.1932	341.1938	+1.8
KPV	[M+H]+	343.2340	343.2344	+1.2
KPV	[M+2H]2+	172.1206	172.1210	+2.3
TB-500	[M+5H]5+	993.1045	993.1063	+1.8
TB-500	[M+6H]6+	827.7550	827.7567	+2.1
BPC-157	[M+2H]2+	710.3594	710.3606	+1.7
BPC-157	[M+H]+	1419.7114	1419.7140	+1.8

SETTINGS

Ionisation	ESI positive	Analyser	Q-TOF, resolution 30 000 (FWHM)
Scan range	m/z 300–1500	Mass calibration	Lock mass, checked before the run
Acceptance	Two or more ions within ± 5 ppm		

RAW FILES · SHA-256

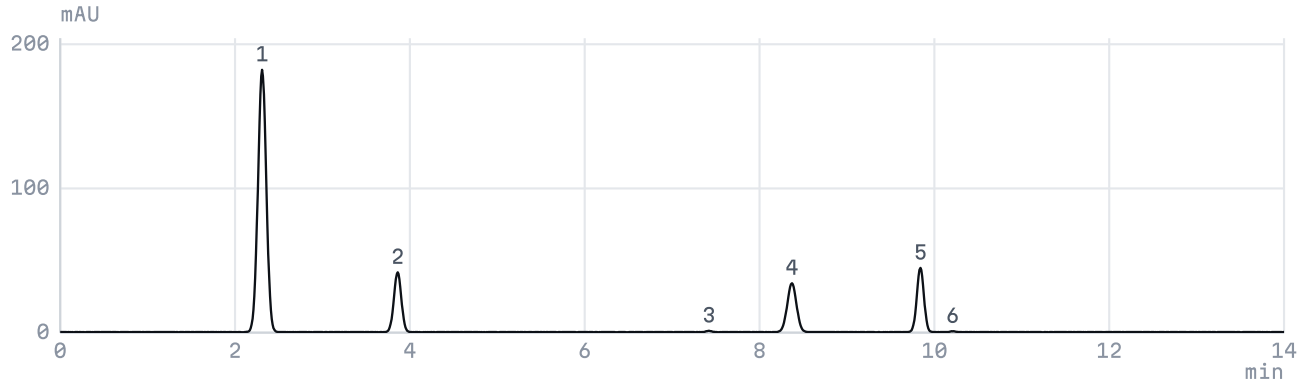
EX-KLOW_lcms_01.d	dbc0a3891df47ef4b775e273f00211683801e42c59f5be5af3c4048eda5f8f6c

Content HPLC, calibrated

KLOW 80 mg · GHK-Cu 50.4 mg · BPC-157 10.2 mg · TB-500 9.9 mg · KPV 10.1 mg

Chromatogram · UV 214 nm

1,401 points as exported

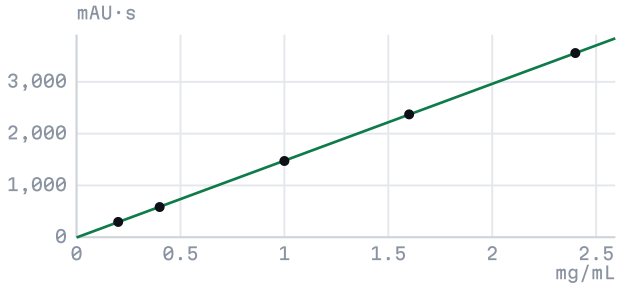


PEAK TABLE

#	RT (MIN)	AREA	AREA %	PEAK
1	2.310	1231.8	61.67	GHK-Cu
2	3.860	249.7	12.50	KPV
3	7.420	4.1	0.21	
4	8.370	254.2	12.73	TB-500
5	9.840	254.9	12.76	BPC-157
6	10.210	2.7	0.14	

Calibration · GHK-Cu

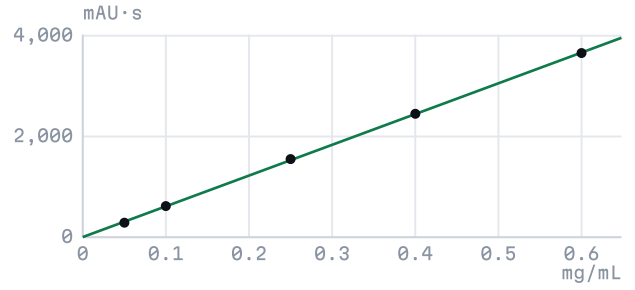
y = 1483.5 x − 5.5 · R² 0.99999



mg/mL	0.200	0.400	1.000	1.600	2.400
mAU·s	296.5	584.3	1472.8	2372.1	3554.8

Calibration · BPC-157

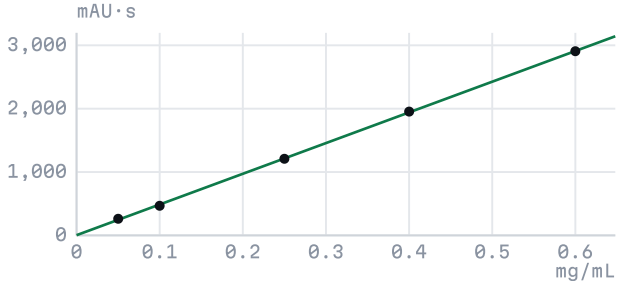
y = 6104.7 x + 2.8 · R² 0.99986



mg/mL	0.050	0.100	0.250	0.400	0.600
mAU·s	288.3	617.6	1551.6	2448.2	3654.7

Calibration · TB-500

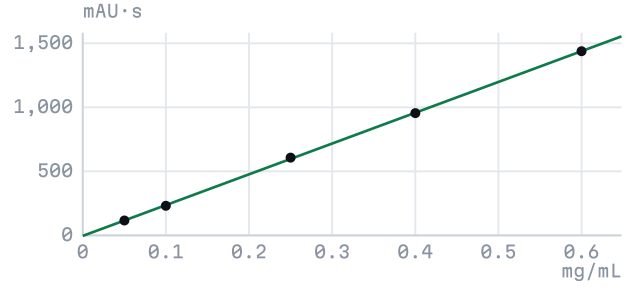
y = 4844.7 x + 3.4 · R² 0.99982



mg/mL	0.050	0.100	0.250	0.400	0.600
mAU·s	262.3	468.8	1208.2	1954.6	2905.9

Calibration · KPV

y = 2404.3 x − 4.0 · R² 0.99989



mg/mL	0.050	0.100	0.250	0.400	0.600
mAU·s	116.2	231.1	606.6	954.5	1437.7