

Certificate of Analysis Identifier: COA261712



Determined Identification	Determined Content (mg)
GHK-Cu/KPV/BPC-157/TB-500 (TB-4 Full-Chain)	51.06/10.13/9.98/10.07
Determined Purity (%)	Determined Appearance
99.71	Blue Crystals

Endotoxin Threshold	Result (PASS/FAIL)
≤0.05 EU/mL	PASS

Liquid Chromatography Data

Klow Blend Lot: 0002 QC261617

27 May QM 2638

(1) PDA Ch1 214nm@4.8nm
Range: 1
Area

The chromatogram displays absorbance units (AU) on the y-axis (0.0 to 8.0e-1) against time in minutes on the x-axis (0.00 to 17.00). A large peak at 0.15 min is labeled GHK-Cu. A cluster of peaks between 0.33 and 0.5 min is labeled KPV. Smaller peaks are observed at 6.111, 6.157, 4.84, 5.17, and 2377 min, with the latter labeled TB-500 (TB-4 FULL-CHAIN). The baseline is relatively flat after 6 minutes.

Retention Time (min)	Label
0.15	GHK-Cu
0.33	KPV
6.111	
6.157	
4.84	
5.17	
2377	TB-500 (TB-4 FULL-CHAIN)

Klow Blend Lot: 0002 QC261617
27 May QM 2638 20 (0.370) Cm (18.25)

Klow Blend Lot: 0002 QC261617
27 May QM 2638 261 (4.684) Cm (261.208)

Klow Blend Lot: 0002 QC261617
27 May QM 2638 16 (0.185) Cm (7.15)

Scan ES+ 1.26e6

Scan ES+ 2.42e6

100% 343 [M+H]⁺ KPV

100% 711 722 BPC-157 730 [M+K-H]²⁺

100% 828 [M+OH]⁶⁺

100% 984 [M+5H]⁵⁺

100% 1242 [M+4H]⁴⁺

100% 1420 [M+H]⁺

100% 341 [M+H]⁺ GH-Cu

100% 342 [M+H]⁺ GH-Cu

0 200 400 600 800 1000 1200 1400 1600 m/z

Jason Snitker