HK Analytical

Certificate of Analysis
HK-261025-F8X8P8
Example report, not a test result



BPC-157 10 mg

BATCH
EX-BPC-2609

LABEL CLAIM
10 mg per vial

CLIENT
Example client

RECEIVED
14 Oct 2026

TESTED
19 Oct 2026

ISSUED
25 Oct 2026

Conforms

5 results meet the limit · 3 reported without a limit

TEST	RESULT	LIMIT	STATUS
Identity LC-MS	BPC-157 [M+2H]2+ 710.36 · [M+H]+ 1419.71	Matches BPC-157	✓ Confirmed
Purity HPLC-UV	99.0 %	≥ 98.0 %	✓ Pass
Content HPLC, calibrated	10.34 mg / vial 103 % of label claim	-	Reported
Endotoxin Kinetic LAL	< 0.04 EU/mg	≤ 5 EU/mg	✓ Pass
Sterility USP <71>, 14 days	No growth	No growth	✓ Pass
Residual solvents Headspace GC	Acetonitrile 120 ppm	ICH Q3C	✓ Pass
TFA content Ion chromatography	11.8 % of powder	-	Reported
Water Karl Fischer	4.2 %	-	Reported

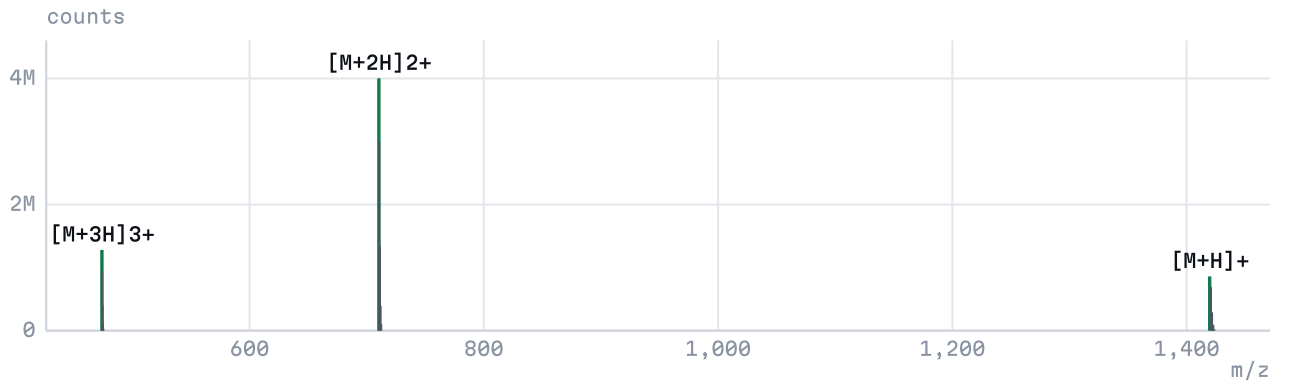
APPROVED
Example approver
Quality manager · 20 Oct 2026

CHECK THIS REPORT
hkanalytical.com/verify
Key VR7VZ-Y40YT-XKRM0-P63A2-HB4JB3

Identity LC-MS

BPC-157 10 mg · Batch EX-BPC-2609 · BPC-157 ✓ Confirmed

Mass spectrum · MS1, 9.55–9.68 min — 15 centroids



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

ION	EXPECTED M/Z	OBSERVED M/Z	ERROR (PPM)
[M+2H]2+	710.3594	710.3606	+1.7
[M+H]+	1419.7114	1419.7140	+1.8
[M+3H]3+	473.9087	473.9095	+1.7

SETTINGS

Ionisation	ESI positive	Analyser	Q-TOF, resolution 30 000 (FWHM)
Scan range	m/z 300–2000	Mass calibration	Lock mass, checked before the run
Acceptance	Two or more ions within ± 5 ppm		

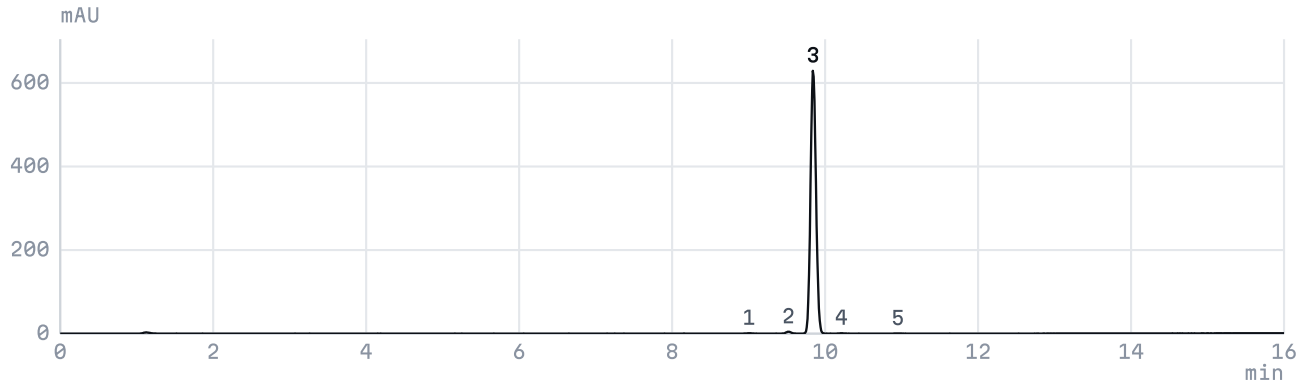
RAW FILES · SHA-256

EX-BPC-2609_lcms_01.d	8b656657ff4a21204bd4b7b5453d74ca9f8f2ec38db0de2b5ef6c32c8bfff1c5

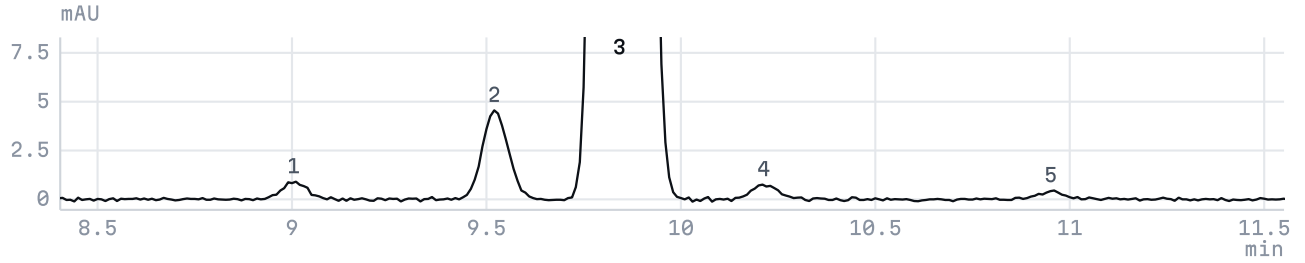
Purity HPLC-UV

BPC-157 10 mg · Batch EX-BPC-2609 · 99.0 % ✓ Pass

Chromatogram · UV 214 nm — 1,601 points as exported



Baseline detail · around the peaks, y scaled × 75 — Numbers as in the peak table



PEAK TABLE

#	RT (MIN)	AREA	AREA %	PEAK
1	9.004	4.1	0.13	
2	9.520	21.5	0.68	
3	**9.842**	**3129.8**	**99.01**	**Main peak · BPC-157**
4	10.213	3.7	0.12	
5	10.951	1.9	0.06	

SETTINGS

Column	C18 wide pore, 150 × 2.1 mm, 1.7 µm, 300 Å	Mobile phase A	0.1 % TFA in water
Mobile phase B	0.1 % TFA in acetonitrile	Gradient	5 → 45 % B in 12 min
Flow, column temperature	0.30 mL/min, 60 °C	Injection	2.0 µL
Detection	UV 214 nm, bandwidth 4 nm	Integration	Valley to valley, window 2.00–14.00 min, threshold 0.05 %
Excluded	Peaks also in the blank injection	Software	Example data system 0.0

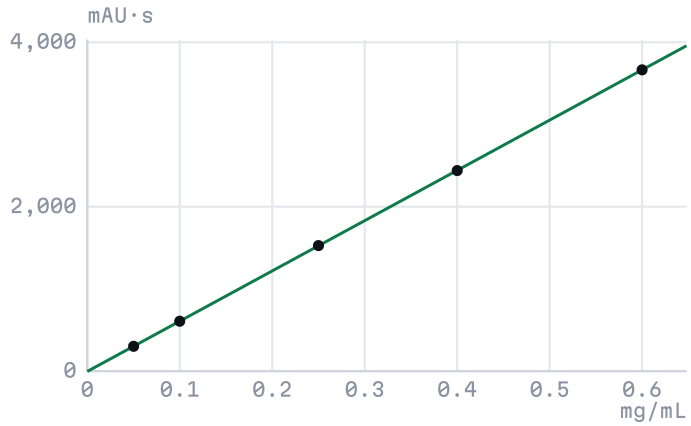
RAW FILES · SHA-256

EX-BPC-2609_hplc_blank.d	b8bdb9f9b36301d63435989739d6ed163e76d76ec76e04ca9e934ae07cac0c3a
EX-BPC-2609_hplc_sample_1.d	5f68ff3e7ab0a73ee598f61364ceeac32ce3d0872254f7b638dd246097f0c48f

Content HPLC, calibrated

BPC-157 10 mg · Batch EX-BPC-2609 · 10.34 mg / vial **Reported**

Calibration y = 6112.4 x − 3.1 · R² 0.99997



LEVELS

#	MG/ML	MAU·S
1	0.050	303.6
2	0.100	606.1
3	0.250	1526.6
4	0.400	2440.7
5	0.600	3665.1

SETTINGS

Reference standard	BPC-157, assay 98.6 % (as free base)	Sample preparation	Whole vial in 10.0 mL diluent, then 1 in 2
Basis	Free base, per vial	Replicates	2 preparations × 2 injections, RSD 0.4 %
Check standard	0.250 mg/mL, found 0.2493 (99.7 %)		

RAW FILES · SHA-256

EX-BPC-2609_content_calibration.d	1a0f9963bcb510a26dc0d057c30c45106fd9e85052b92c2539f96d3ab517ad31