



THIS CERTIFICATE

MP-9NXF-VMB7

MAINPEAKS REPORT NUMBER

DATE RECEIVED

5 October 2026

DATE ISSUED

20 October 2026

REPORT VERSION

1

THE SAMPLE, AS DECLARED BY THE CLIENT

COMPOUND

KLOW Blend

LOT OR BATCH

Not applicable

This certificate covers this one vial only.

CLIENT

Pepvida

RESULTS

TOTAL IDENTIFIED, BY AREA

99.84 %

The declared components together at 214 nm. This is not a purity. 80.00 mg declared, recovery 103.90 %.

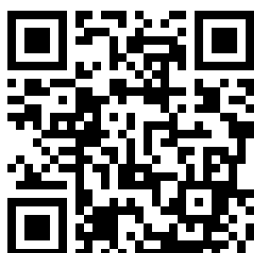
MEASURED CONTENT

83.09 mg

TEST	SPECIFICATION	RESULT	STATUS
Components identified	No threshold set	99.84 %	✓ Reported
Content, per vial	No threshold set	83.09 mg	✓ Reported
Identity	Matches the declaration	Retention time match	✓ Pass
Sterility	No growth	No growth	✓ Pass
Endotoxin, USP <85>	No limit stated	0.34 EU/mg	Reported, no limit set

Tests performed: HPLC component analysis and content, identity, bacterial endotoxins (USP <85>) and sterility (USP <71>). No other test was part of this order.

VERIFY THIS CERTIFICATE

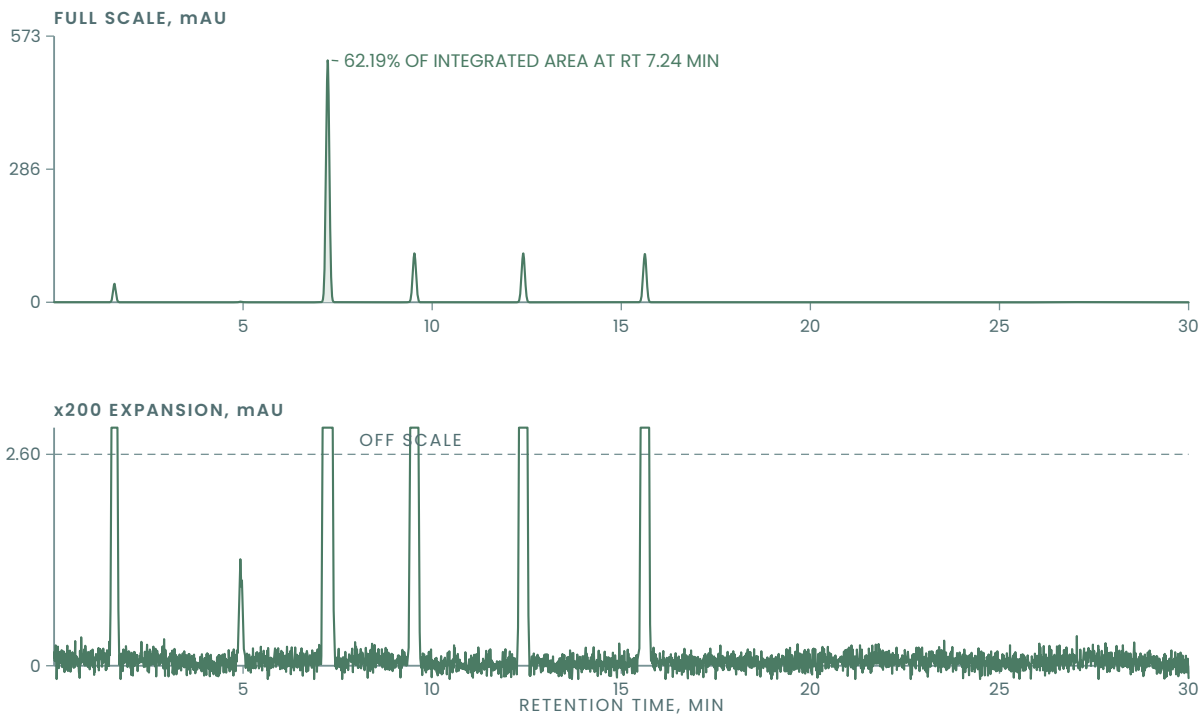


SAMPLE AS RECEIVED

<https://mainpeaks.com/v/MP-9NXF-VMB7>

Scan the code, or type the report number at mainpeaks.com. Anyone can check this certificate without an account, and the register answers for every report Mainpeaks issues, whatever it says.

CHROMATOGRAM



PEAKS INTEGRATED FROM THE TRACE ABOVE

PEAK	COMPONENT	RETENTION, MIN	AREA, mAU.MIN	AREA PERCENT	
1	not identified	4.94	0.145	0.16	
2	GHK-Cu	7.24	55.540	62.19	MAIN PEAK
3	KPV	9.53	11.247	12.59	
4	TB-500	12.41	11.243	12.59	
5	BPC-157	15.62	11.128	12.46	

METHOD

HPLC with UV detection at 214 nm. Column C18 4.6 x 150 mm 5 um. Mobile phase 0.1% TFA water / 0.1% TFA ACN. Method reference STP-HPLC-0154, partner laboratory. This sample was submitted as a blend, so no single purity figure describes it. Each declared component is named against its peak in the table above, and the headline figure is those components together as a percentage of total integrated area. It is integrated from the sampled series that produced the trace above, so the figures and the picture cannot disagree. Bacterial endotoxins by USP <85> kinetic, reported in EU/mg. Spike (positive product control) recovery 97%, within the 50 to 200% the method requires, so the sample did not mask endotoxin. Sterility by USP <71> 14 days.

IDENTITY BASIS

Each of the 4 declared components elutes at the retention time of a reference standard for that compound. Molecular mass was not measured, so a different compound eluting at the same time as any one of them would not be distinguished. Any peak the trace resolved that is not named in the table is reported as unidentified and is not counted toward the total.

WHAT THIS CERTIFICATE COVERS, AND WHAT IT DOES NOT

This certificate covers the single vial received under this report number and nothing else. Mainpeaks cannot witness how the vial travelled from wherever it was made to the post, so the client named above is printed as they stated it and is not verified by us, and no claim is made about any other unit or batch. The figures above are measurements, not a licence, an endorsement or a recommendation for any use. Research use only. Not for human or veterinary use.

NOTES AND METHODOLOGY

1. Mainpeaks is not a laboratory. Mainpeaks owns no instruments and employs no chemists. The analysis reported here was performed by an independent partner laboratory under a service agreement, and Mainpeaks issues this certificate on the basis of the data that laboratory returned. Mainpeaks holds no accreditation and claims none.
2. Purity is the partner laboratory's HPLC area normalisation at 214 nm: the main peak as a percentage of the total area of every peak they integrated over the whole run, as recorded on a worksheet signed by their analyst. The chromatogram printed on page one is the same run integrated independently by Mainpeaks from 2 min, after the solvent front, and its peak table can differ slightly from the laboratory's. It is not a mass purity and is not corrected for counter ion or residual water, and anything that does not absorb at the detection wavelength is invisible to it.
3. No pass or fail is stated for purity or for content, and that is deliberate rather than an omission. A verdict needs a threshold, a threshold needs an author, and no pharmacopoeial monograph sets one for these compounds. Mainpeaks measures and reports; it is not the body that decides what figure is acceptable, and a specification invented by the party being paid to test against it is not a specification. The rows that do carry a verdict carry one because a threshold exists and somebody other than Mainpeaks wrote it: identity is a finding about whether the declared compound is present, sterility is pass or fail by its own definition, endotoxin is judged against the limit the submitter stated on the order, and elemental impurities against published compendial limits.
4. Sterility and endotoxin are the only results that carry a verdict, where they appear. Sterility is pass or fail by its own definition. Endotoxin is judged against a limit the customer states on the order, which is printed beside the result and attributed to them, never against a limit Mainpeaks has chosen.
5. The vial carried no lot or batch number. It is identified by this report number, the photograph on page one. Without a lot there is no batch for a result to describe, so this certificate applies to the one vial received and cannot be taken to represent any other vial, including others from the same source that look the same.
6. Compound, lot and declared content are as stated by the party who submitted the vial. Mainpeaks has not independently verified any of them, and cannot witness how the vial travelled from wherever it was filled to the post. The measurements are ours; the declarations are theirs, and the certificate marks which is which throughout.
7. The trace summary on page one shows the largest peaks only. The complete integration table, every peak the software resolved, is printed above on this page and is also served on the verification address, so the reported purity can be recomputed from it by hand.
8. This certificate covers the single vial received under this report number and nothing else. It says nothing about any other unit, any other batch, or the process that made them. It is not a licence, an endorsement or a recommendation for any use. Research use only. Not for human or veterinary use.
9. This certificate is issued electronically and is valid without a signature. Its authenticity is established only by the public register at the verification address on page one, which answers for every report number Mainpeaks issues, whatever it says. A corrected certificate never overwrites the one it replaces: the original number keeps resolving and states that it was superseded.

ATTRIBUTION

ANALYSED BY

Dr. J. Vance

Partner laboratory analyst. Not the issuer.

ISSUED BY

**Issued 20 October 2026**

Issued electronically. Authenticity is established by the public register.