KMD·ANALYTICAL

INDEPENDENT ANALYTICAL TESTING LABORATORY

Certificate of Analysis

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Verify at kmdanalytical.com/verify

SCAN TO VERIFY

CLIENT / BRAND	BATCH ID	COMPOUND	SAMPLE (AS RUN)	DATE RECEIVED	DATE ANALYZED
Hábit	HB2-20261014-VMGB	Semax	HB2-20261014-VMGB-01	14 OCT 2026	19 OCT 2026

CHROMATOGRAPHIC PURITY

99.91%

OF TOTAL PEAK AREA

CONTENT PER VIAL

31.88

MG PER VIAL

LABEL CLAIM: 30 MG — 106.3% OF CLAIM · SPEC ≥ 90%

RETENTION TIME

5.884

MINUTES · MAIN PEAK

Overall: Conforms to specification — **Identity Conforms** (RT + UV vs. reference); sample meets the acceptance criteria below.

SPEC SET IS CLIENT / METHOD-DEFINED

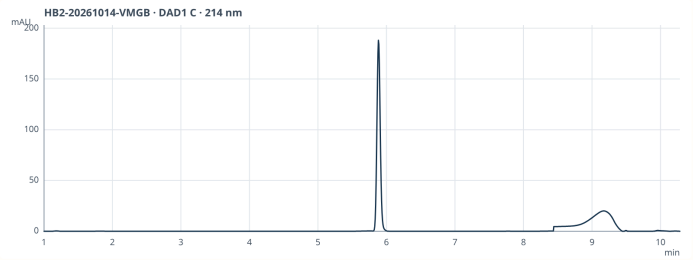
SUMMARY OF RESULTS

TEST	SPECIFICATION	RESULT	STATUS
Appearance	White lyophilized powder	Clear, colorless	Conforms
Purity (HPLC, area %)	≥ 95.0%	99.91%	Conforms
Content (mg/vial)	≥ 90% of label claim (30 mg)	31.88 mg (106.3% of claim)	Conforms

CHROMATOGRAM & SAMPLE REFERENCE

HPLC CHROMATOGRAM

main peak 5.884 min





How to read this. Chromatographic purity is the percentage of total integrated peak area — how much of the detected material is the target peptide versus impurities. It is **not** a measure of net peptide mass content (what fraction of the powder is peptide versus counter-ion, water, or residual solvent). That mass content is measured separately and reported above as **content per vial** (mg net peptide). Results apply only to the sample submitted.

AUTHORIZED SIGNATORY · KMD ANALYTICAL

Kevin Doud

Kevin Doud

Laboratory Director

DATE OF ISSUE

19 OCT 2026

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