PEPTIDE VERGE

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BATCH ANALYTICAL SPECIFICATION & QUALITY RELEASE SUMMARY

Document Ref: PV-UK-2608210324



SUPPLIER & BATCH IDENTIFICATION (UNITED KINGDOM)

Supplier Organization:	Peptide Verge (United Kingdom)
Reagent / Compound:	**Semax 40mg**
UK Batch / Lot Number:	**PVG-SMX40-001**
Document Reference:	PV-UK-2608210324 (Accession #2608210324)
Sample Received (UK):	21/08/2026
Analysis Reported (UK):	26/08/2026

CHEMICAL & STORAGE SPECIFICATIONS

CAS Registry	Molecular Formula	Molecular Weight	UK Storage Condition
80714-61-0	**C 37 H 51 N 9 O 10 S**	**813.9 g/mol**	**-20 °C Desiccated**

ANALYTICAL TEST PARAMETER	METHODOLOGY	MEASURED BATCH RESULT	STATUS
Compound Identity	LC-MS / Mass Spec	Confirmed — Semax	**CONFIRMED**
Chromatographic Purity	RP-HPLC-UV	**99.98%**	**PASS**
Net Content / Fill	Gravimetric / Quantitative	48.84 mg	**CONFORMS**
Physical Appearance	Visual Inspection	White Lyophilizd Powder	**CONFORMS**
Elemental Impurities	ICP-MS (As, Cd, Pb, Hg)	Below Reporting / Spec Limits	**PASS**

QUALITY DOCUMENTATION & ANALYTICAL VERIFICATION STATEMENT (UNITED KINGDOM)

1. First-party Batch Analytical Specification Summary issued by Peptide Verge (United Kingdom) for Lot PVG-SMX40-001.
2. Analytical metrics reflect accredited external LC-MS and RP-HPLC-UV laboratory testing on batch accession #2608210324.
3. Released strictly for controlled in-vitro laboratory research and non-clinical analytical calibration in the United Kingdom.
4. Verify UK batch records online at https://peptideverge.com/coa-lookup/ using Reference Code PV-UK-2608210324.

Issued by: Peptide Verge — Quality Documentation & Compliance Team (United Kingdom)

https://peptideverge.com · UK Batch Registry: https://peptideverge.com/coa-lookup/

UK STATUTORY NOTICE (HUMAN MEDICINES REGULATIONS 2012, SI 2012/1916): Supplied strictly as an analytical reference material for qualified in-vitro laboratory research only. Not a medicinal product, food, or cosmetic. Strictly not for human or veterinary administration, clinical diagnosis, or therapeutic use. Operated in the United Kingdom.