PRIME PEPTIDES UK

Certificate of Analysis

KLOW

80 mg · Lyophilised powder

BATCH KLOW-80-17

PURITY · HPLC	IDENTITY · LC-MS	BATCH STATUS
≥ 99.0 %	**Confirmed**	**Released**
Threshold ≥ 98.0 %	All components	Meets specification

PRODUCT IDENTIFICATION

Product name	KLOW	Strength	80 mg per vial
Chemical name	GHK-Cu + BPC-157 + TB-500 + KPV research blend	Physical form	Lyophilised powder
Container	3 mL glass vial, flip-off seal	Manufactured	Oct 2026
Retest / expiry	Oct 2028	Total content	80 mg per vial
Composition	GHK-Cu 50 mg + BPC-157 10 mg + TB-500 10 mg + KPV 10 mg		

COMPONENT	AMOUNT	CAS NUMBER	MOLECULAR FORMULA	MOLECULAR WEIGHT
GHK-Cu	50 mg	89030-95-5	$C_{14}H_{22}CuN_6O_4$	401.9 g/mol
BPC-157	10 mg	137525-51-0	$C_{62}H_{98}N_{16}O_{22}$	1419.5 g/mol
TB-500	10 mg	77591-33-4	$C_{212}H_{350}N_{56}O_{78}S$	4963.4 g/mol
KPV	10 mg	67727-97-3	$C_{16}H_{30}N_4O_4$	342.4 g/mol

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT	STATUS
Appearance	Visual	Blue / blue-violet lyophilised powder	**Blue powder**	✔ Pass
Identity	LC-MS (ESI)	Each component mass consistent with target	**Conforms**	✔ Pass
Purity	RP-HPLC, 220 nm	≥ 98.0 %	**≥ 99.0 %**	✔ Pass
Net content	Gravimetric	80 mg per vial, ± 5 %	**Conforms**	✔ Pass
Counter-ion	TFA residual	≤ 1.0 %	**Conforms**	✔ Pass

STORAGE & HANDLING

Lyophilised powder
Store refrigerated at 2–8 °C. For long-term storage keep at −20 °C.

Light & moisture
Protect from light. Keep the vial sealed until reconstitution.

Reconstituted solution
Store at 2–8 °C and avoid repeated freeze–thaw cycles.

Conclusion. The product has been tested and complies with the specifications stated above.

For research use only. This product is supplied strictly for in-vitro laboratory research. Not for human or veterinary use, not a drug, food, cosmetic or medical device. Keep out of reach of children.

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