

Certificate of Analysis

Issued by Peptigen Labs Ltd for the batch identified below. Analytical results were generated by an independent third-party testing laboratory commissioned for this batch. The original laboratory report is retained on file.

Product Identification

Product name	Kisspeptin-10
Catalogue / SKU	PL-KISS-10
Molecular formula	C63H83N17O14
Molecular weight	1302.46 g/mol
CAS / source ID	374675-21-5
Appearance	White to off-white lyophilised powder

Batch Identification

Batch / lot number	KP-24001
Strength per vial	10 mg per vial
Quantity per vial	10 mg
Manufacture date	2025-09-22
Retest / expiry date	2027-09-22
Storage	Store sealed at 2–8 °C, protected from light. Reconstituted material to be stored at –20 °C.

Analytical Results

Parameter	Method	Specification	Result	Status
Appearance	Visual inspection	White to off-white lyophilised powder	Conforms	PASS

Identity	RP-HPLC (retention time)	Matches reference standard for Kisspeptin-10	Conforms (Rt 5.949 min)	PASS
Net content	Gravimetric (analytical balance)	10.0 mg ± 10 %	10.82 mg	PASS
Purity (main peak)	RP-HPLC (UV, 220 nm)	≥ 98.0 %	99.7 %	PASS
Single impurity	RP-HPLC (UV, 220 nm)	≤ 1.0 %	0.1 %	PASS
Total impurities	RP-HPLC (UV, 220 nm)	≤ 2.0 %	0.3 %	PASS
pH (reconstituted, 1 mg/mL in H ₂ O)	Potentiometric	6.0 – 8.0	7.0	PASS

All tested parameters for batch **KP-24001** meet the manufacturer's specification. Material is released for research use.

Reported by	Independent third-party testing laboratory (report reference #2503648)
Original report date	22 September 2025
Reproduced by	Peptigen Labs Ltd
Date reproduced	22 September 2025
Reproduction reference	PL-COA-PL-KISS-10-KP-24001

Analytical data source: The analytical results shown in this Certificate of Analysis were generated by an **independent third-party testing laboratory** commissioned to test the batch identified above. The original third-party laboratory report is retained on file by Peptigen Labs Ltd and can be produced on lawful request from a competent regulator or, with appropriate authorisation, from the customer of record.

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