Peptide Test Canada
peptidetestcanada.ca
Canada's Most Trusted Independent Peptide Testing Lab

Certificate of Analysis

SCAN TO VERIFY

PTC-SJC9GBQU

Lab ID: **KPV-084**

REPORTED September 30, 2026

CLIENT

VERIFY peptidetestcanada.ca/verify

EMAIL info@peptidetestcanada.ca

ORDER # PTC-545615

END CUSTOMER

NAME Sentient Biogenix

§ 01 Sample Information

FOR RESEARCH PURPOSES ONLY

Sample ID:	**KPV-084**	Received:	**09/22/2026**
Compound:	**KPV**	Analyzed:	**09/30/2026**
Report No.:	**COA-2026-SC-03170**	CAS:	**67727-97-3**
Lot Number:	**SB-KPV-260902**	Formula:	**$C_{16}H_{30}N_4O_4$**
Total Mass:	**63.1 mg**	Mol Weight:	**342.4 g/mol**
Appearance:	**Lyophilized powder**		

SAMPLE PHOTOGRAPH

§ 02 Analytical Results

Qualitative and Quantitative chemical analysis by Liquid Chromatography Tandem Mass Spectrometry (HPLC-MS/MS)

	SPECIFICATION	RESULT	STATUS
Compound Test:	KPV	**KPV**	**PASS**
Net Peptide Content:	10.00 mg	**11.08 mg**	
Peptide Fill Accuracy:	≥ 90 %	**110.8 %**	
Chromatographic Purity:	≥ 98 %	**99.8 %**	

Peptide fill accuracy is the measured net peptide content expressed as a percentage of the declared label claim (measured ÷ label claim × 100).

Chromatographic purity is the target peptide's concentration as a percentage of the total peptide concentration measured — the target peptide against the other trace peptides detected in the same sample. It reflects peptide-related impurities only; it does not measure salts, excipients, or water, and is separate from net peptide content (the actual mg of peptide). **—** means not determined.

§ 03 HPLC-MS/MS Detail

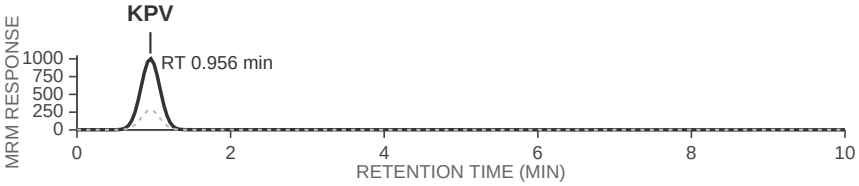
METHOD A · AGILENT 1290 INFINITY II + 6495 QQQ · ESI+

PRECURSOR [M+H]+

343.20 Da

Quantifier transition ● MRM

343.20 › 70.10 CE 15 V



ROLE	TRANSITION	CE
● Quantifier	343.2 › 70.1	15 V

Agilent Poroshell 120 EC-C18 · 2.1×100 mm · 2.7 µm · Solvent A: 0.1 % formic acid in H_2O · Solvent B: 0.1 % formic acid in Acetonitrile

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DISCLAIMER · RESEARCH USE ONLY

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