



Vita Science Peptides Inc.

8888 Odlin Cres, Unit 210, Richmond, BC, V6X 3Z8 · orders@canada-peptides.net ·
604-555-0188
https://canada-peptides.net

Certificate of Analysis

CERTIFICAT D'ANALYSE

Document 68D9CC6A46 · Lot RT-2609-05 · Issued / Émis September 5, 2026

RT30 Synthetic Multi-Receptor Agonist Peptide, 30 mg Vial

Lyophilized powder in a sealed 3 mL glass vial · 30 mg per vial



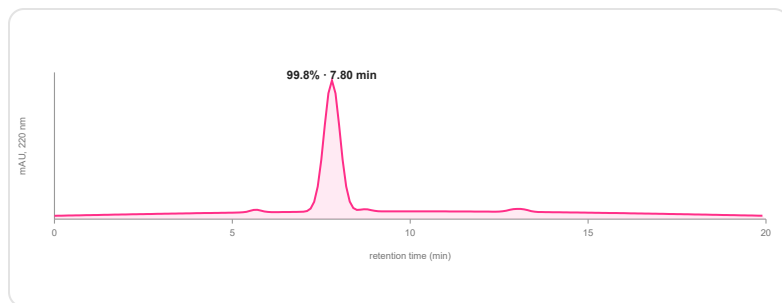
Verify this lot / Vérifier ce lot
canada-peptides.net/lots/#rt-2609-05

Catalogue no. / N° de catalogue	PEP-RT30-30	Lot / Lot	RT-2609-05
Date of analysis / Date d'analyse	September 5, 2026	Retest date / Date de réanalyse	September 5, 2028
Quantity / Quantité	30 mg per vial	Form / Forme	Lyophilized powder in a sealed 3 mL glass vial
Storage / Conservation	Lyophilized powder: store sealed at -20 °C, protected from light and moisture. Ships at ambient temperature with desiccant.		

RESULTS / RÉSULTATS

TEST / ESSAI	METHOD / MÉTHODE	SPECIFICATION / SPÉCIFICATION	RESULT / RÉSULTAT
Appearance / Apparence	Visual, USP <631>	White to off-white lyophilized powder	White lyophilized powder
Purity / Pureté	RP-HPLC, C18, 220 nm, area %	≥99%	99.8%
Net peptide content / Teneur nette	Gravimetric, corrected for water and counter-ion	30 mg per vial	29.75 mg (100.7% of label)
Water content / Teneur en eau	Karl Fischer titration	≤ 8.0%	4.9%
Counter-ion / Contre-ion	Ion chromatography	Acetate, TFA below 1%	5.8% acetate
Bacterial endotoxin / Endotoxine	LAL, kinetic turbidimetric	< 1.0 EU/mg	< 0.50 EU/mg

CHROMATOGRAM / CHROMATOGRAMME



PEAK	RT (MIN)	AREA %	ASSIGNMENT / ATTRIBUTION
1	5.66	0.09	Related impurity
2	7.80	99.80	RT30 Synthetic Multi-Receptor Agonist Peptide (main peak)
3	8.73	0.05	Related impurity
4	12.89	0.04	Related impurity
5	13.18	0.02	Related impurity

METHODS / MÉTHODES

RP-HPLC. Reversed-phase HPLC on a C18 column with a water/acetonitrile gradient (0.1% TFA), detection at 220 nm; purity is the main peak area as a percentage of the total peak area.

ESI-MS. Electrospray ionization mass spectrometry in positive mode; identity is confirmed when the observed [M+H]⁺ (or [M+2H]²⁺) ion lies within 0.1% of the calculated mass.

Karl Fischer. Coulometric titration of a weighed aliquot for water content, reported as a percentage of the lyophilized mass.

Ion chromatography. Counter-ion content (acetate, residual trifluoroacetate) by anion-exchange chromatography with conductivity detection.

LAL. Kinetic turbidimetric Limulus amoebocyte lysate assay for bacterial endotoxin, reported per milligram of peptide.

Analyst / Analyste

QC laboratory · signed electronically
September 5, 2026

Reviewed / Vérifié

QC reviewer · signed electronically
September 5, 2026

Released / Libéré

Quality assurance · released for sale
Document 68D9CC6A46

For laboratory research use only. Not for human or veterinary use. · Réservé à la recherche en laboratoire. Non destiné à l'usage humain ou vétérinaire.

This certificate reports the lot record held by Vita Science Peptides for lot RT-2609-05; results apply to that lot only. Document 68D9CC6A46 can be checked against the lot register at <https://canada-peptides.net/lots/#rt-2609-05>. Store as stated above; retest date September 5, 2028. Generated 2026-09-24 · <https://canada-peptides.net>