



PRODUCT IDENTIFICATION

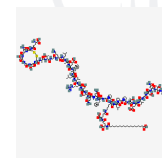
HPLC-UV coupled with LC-MS, standard laboratory conditions

Compound Name	Eloralintide	CAS No.	2883634-40-8
Molecular Formula	C201H319N49O62 S2	Molecular Weight	4526.1 g/mol
Appearance	Lyophilized Powder	Compound Concentration	10mg

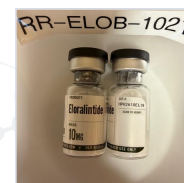
SAMPLE IDENTIFICATION

Client-supplied, verified at intake

Container Size	3ml Glass Vial	Cap Color	Black
Crimp / Seal Color	Silver		
Product Company	RENOVIDA RESEARCH LLC		



MOLECULAR STRUCTURE



CLIENT SAMPLE PHOTO

ANALYTICAL RESULTS

Test	Specification	Result	Status
Purity (HPLC)	>= 90.0%	99.02%	PASS
Mass Identification (LC-MS)	Conforms to declared compound	Eloralintide	PASS
Net Compound Content	90.0–110.0% of 10 mg	9.93 mg	PASS
Water Content (Karl Fischer)	<= 10.0%	4.93%	PASS
Acetate Content (HPLC)	< 12.0%	3.94%	PASS
Heavy Metals (ICP-MS)	< 10 ppm	Not Detected	PASS
Bacterial Endotoxins (LAL)	< 5 EU/mg	Not Detected	PASS
Sterility (RMM)	USP <71>	Not Requested	-
Mass Balance	95.0 – 105.0%	Conforms	PASS

ANALYST NOTES

Sample received labeled as Eloralintide, 10 mg, white lyophilized powder.

Identity: LC-MS analysis of the principal peak (RT 14.70min) produced a multiply charged ion series at m/z 906.2 (5+), 1132.5 (4+) and 1509.7 (3+), with a minor non-covalent dimer ion at m/z 1811.4 ([2M+5H]5+), deconvoluting to an intact mass of 4526.0 Da, consistent with eloralintide. Identity result: Conforms.

Purity: 99.02% by HPLC-UV, principal peak relative to total integrated peak area. No related-substance peaks above the reporting threshold.

Net content: Eloralintide quantified at 9.93 mg per vial against the compound calibration curve, 99.3% of label claim. Net content result: Conforms (within 90.0 to 110.0% of label).

Conclusion: Sample conforms to label for identity, purity and net content.

INSTRUMENT DATA

Traces behind the results above

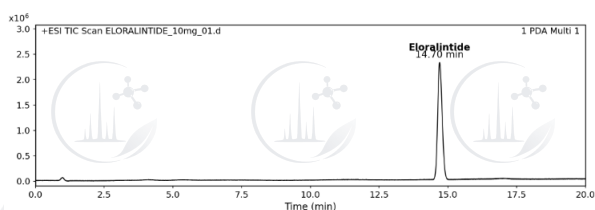


FIGURE 1 — TOTAL ION CHROMATOGRAM (LC-MS)

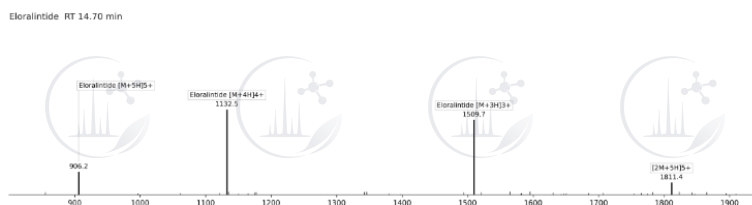


FIGURE 2 — MASS SPECTRUM, PRINCIPAL PEAK (LC-MS)

Lee Adams

Lee Adams
Lab Director

COA: PMS-2677800803

The analysis reported herein was conducted using HPLC-UV and LC-MS under standard laboratory conditions. This analysis is intended for informational purposes only and is specific to the sample(s) provided. The compounds tested are intended for research use only and are not approved for human or veterinary use, diagnostic, therapeutic, or clinical applications. Results should be interpreted by qualified professionals within the scope of the intended research. The accuracy and reliability of the test may be influenced by sample integrity, handling, and other experimental variables. The sample image included in this Certificate of Analysis was provided by the client during intake. For research use only.



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