



PRODUCT IDENTIFICATION

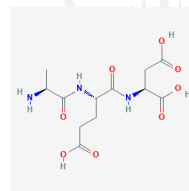
HPLC-UV coupled with LC-MS/MS, standard laboratory conditions

Compound Name	Cartalax	CAS No.	87815447
Molecular Formula	C12H19N3O8	Molecular Weight	333.29 g/mol
Appearance	White Lyophilized Powder	Compound Concentration	20mg

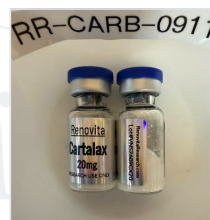
SAMPLE IDENTIFICATION

Client-supplied, verified at intake

Container Size	3ml Glass Vial	Cap Color	Blue
Crimp / Seal Color	Silver		
Product Company	Renovita Research LLC		



MOLECULAR STRUCTURE



CLIENT SAMPLE PHOTO

ANALYTICAL RESULTS

Test	Specification	Result	Status
Purity (HPLC)	>= 90.0%	99.41%	PASS
Mass Identification (LC-MS/MS)	Conforms to declared compound	Cartalax	PASS
Net Peptide Content	>= 90% of 20 mg	20.08 mg	PASS
Water Content (Karl Fischer)	<= 10.0%	5.07%	PASS
Acetate Content (HPLC)	< 12.0%	4.00%	PASS
Heavy Metals (ICP-MS)	< 10 ppm	Not Detected	PASS
Bacterial Endotoxins (LAL)	< 5 EU/mg	Not Detected	PASS
Sterility (RMM)	USP <71>	Not Tested	-
Mass Balance	95.0 – 105.0%	Conforms	PASS

INSTRUMENT DATA

Traces behind the results above

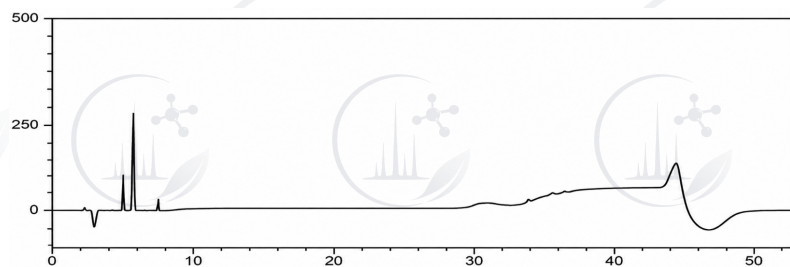


FIGURE 1 — CHROMATOGRAPHIC DATA (HPLC-UV)

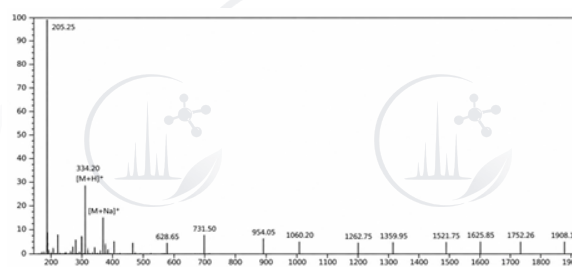


FIGURE 2 — MASS SPECTROMETRIC DATA (LC-MS/MS)

Lee Adams

Lee Adams
Lab Director

COA: PMS-9253548213

The analysis reported herein was conducted using HPLC-UV and LC-MS/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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