

Certificate of Analysis

Human Menopausal Gonadotropin 75IU

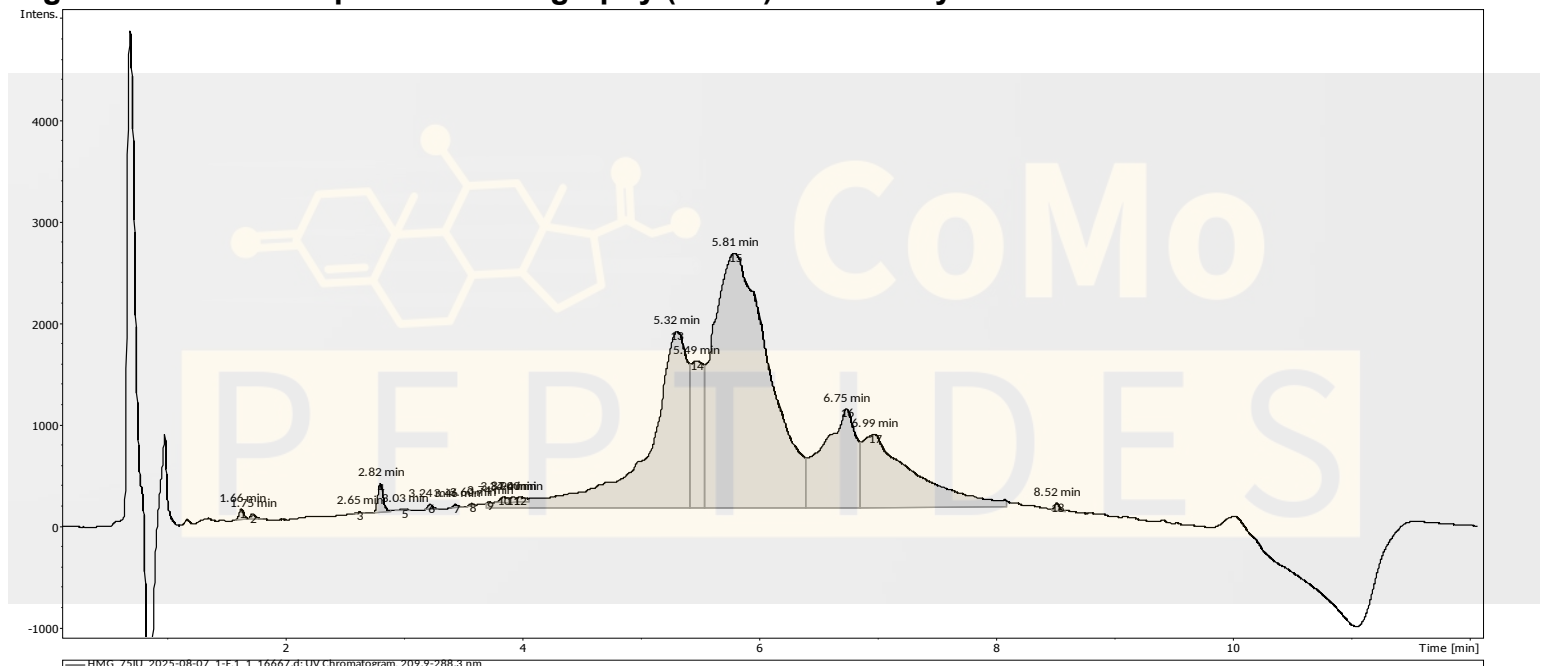
HMG

Compound : HMG
Lot number : 2025-08-07
Analysis date : 2025-08-19
Purity % : 98.67%
Method : HPLC-UV

Client : CoMo Peptides

<https://en.wikipedia.org/wiki/Menotropin>

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST		Number of detected peaks: 18		
	Time (min)	Area	%Area	
1	1.66	2.65E+02	0.15	
2	1.75	1.52E+02	0.08	
3	2.65	4.68E+01	0.03	
4	2.82	9.20E+02	0.51	
5	3.03	7.07E+01	0.04	
6	3.24	1.55E+02	0.09	
7	3.46	8.03E+01	0.04	
8	3.60	4.87E+01	0.03	
9	3.74	1.76E+01	0.01	
10	3.87	2.30E+02	0.13	
11	3.94	1.89E+02	0.11	
12	4.00	2.53E+02	0.14	HMG isoform
13	5.32	4.19E+04	23.33	HMG isoform
14	5.49	1.10E+04	6.10	HMG isoform
15	5.81	8.21E+04	45.72	HMG isoform
16	6.75	1.95E+04	10.86	HMG isoform
17	6.99	2.25E+04	12.52	HMG isoform
18	8.52	2.07E+02	0.12	

Overall Purity : 98.67

Menopausal gonadotropin contains a number of glycosylated isoforms. It presents as a cluster of peaks with similar molecular weight, varying based on the degree of glycosylation.

Note: Injectable peptides may contain salts and sugars to aid in solubility and act as pH buffers. These are not normally detected using UV and are not considered impurities.

Analysis Performed by
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2025-08-26