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PROOF OF AUTHENTICITY

Certificate of Analysis

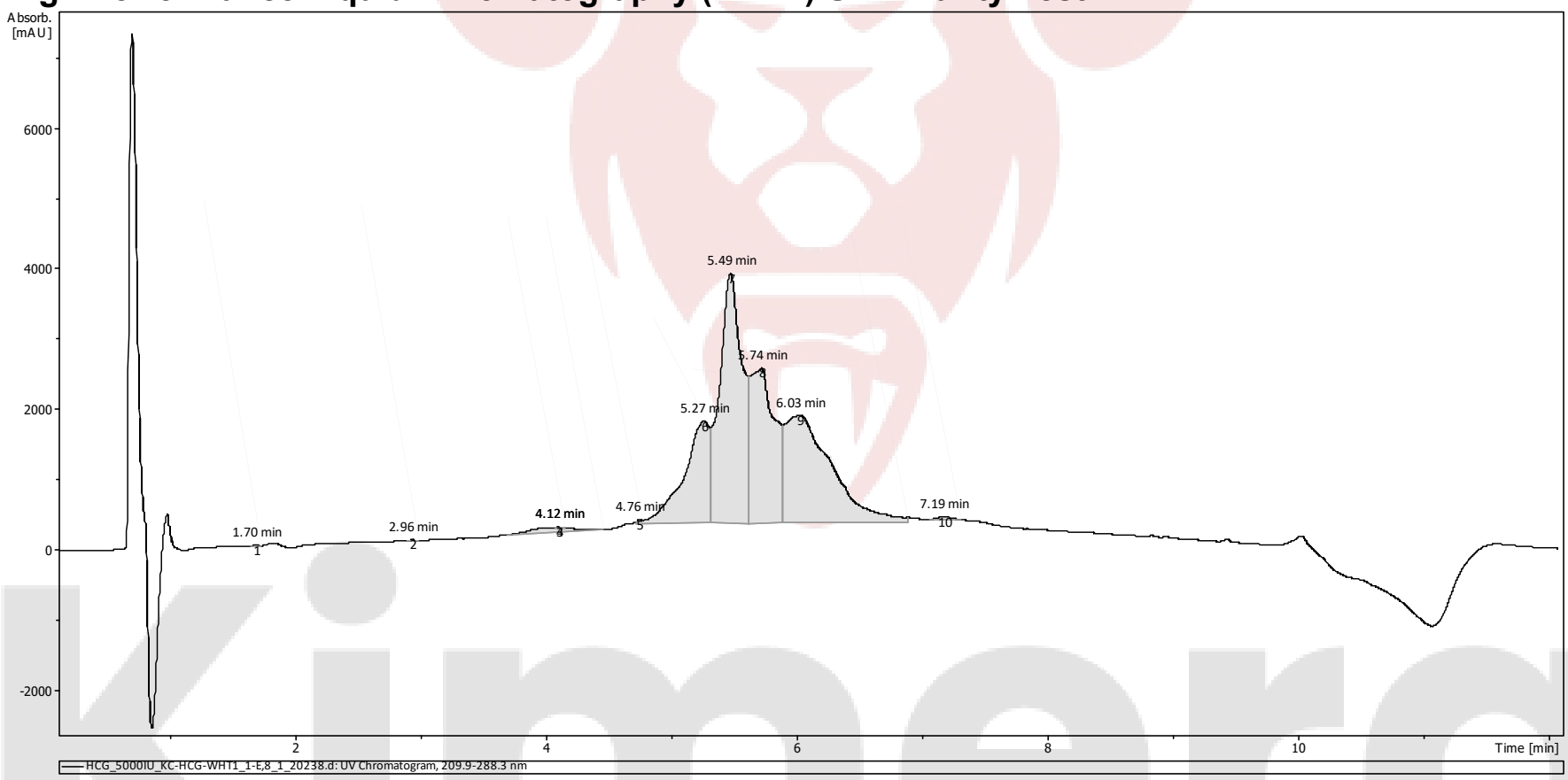
Human Chorionic Gonadotropin 5000 IU

HCG

Compound	: **HCG**	**Client :**	**Kimera Chems**
Lot number	: **KC-HCG-WHT1**		**Kimerachems.co**
Analysis date	: **2026-03-04**		
Purity %	: **98.35%**		
Method	: **HPLC-UV**		

https://www.ncbi.nlm.nih.gov/books/NBK532950/

High Performance Liquid Chromatography (HPLC) UV – Purity Test



PEAK LIST — Number of detected peaks: 10

	Time (min)	Area	%Area	
1	1.70	4.37E+01	0.03	
2	2.96	3.07E+01	0.02	
3	4.12	1.81E+03	1.31	
4	4.12	1.87E+01	0.01	
5	4.76	6.50E+01	0.05	
6	**5.27**	**2.07E+04**	**14.96**	**HCG isoform**
7	**5.49**	**4.44E+04**	**32.11**	**HCG isoform**
8	**5.74**	**3.05E+04**	**22.07**	**HCG isoform**
9	**6.03**	**4.04E+04**	**29.21**	**HCG isoform**
10	7.19	3.08E+02	0.22	

Overall Purity : 98.35

Chorionic 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
Ken Pendarvis, ChE
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2026-03-10