



Certificate of Analysis

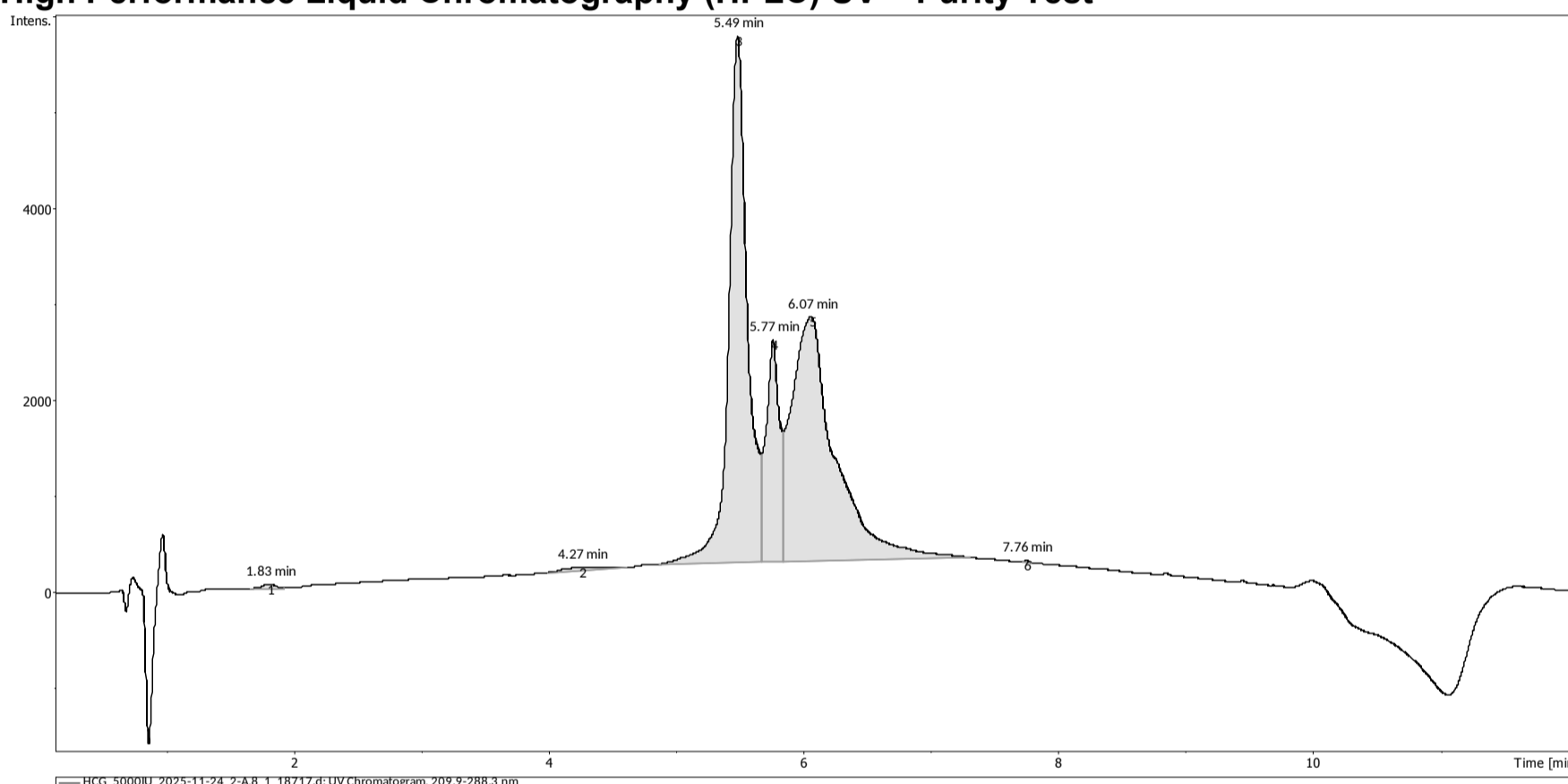
Human Chorionic Gonadotropin 5000IU

HCG

Compound : HCG **Client** : Endogenix
Lot number : 2025-11-24
Analysis date : 2025-12-08
Purity % : 99.23%
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: 6		
	Time (min)	Area	%Area	
1	1.83	3.30E+02	0.24	
2	4.27	6.67E+02	0.49	
3	5.49	5.63E+04	41.56	HCG isoform
4	5.77	1.70E+04	12.57	HCG isoform
5	6.07	6.11E+04	45.10	HCG isoform
6	7.76	4.61E+01	0.03	

Overall Purity : 99.23

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.

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