

# Certificate of Analysis

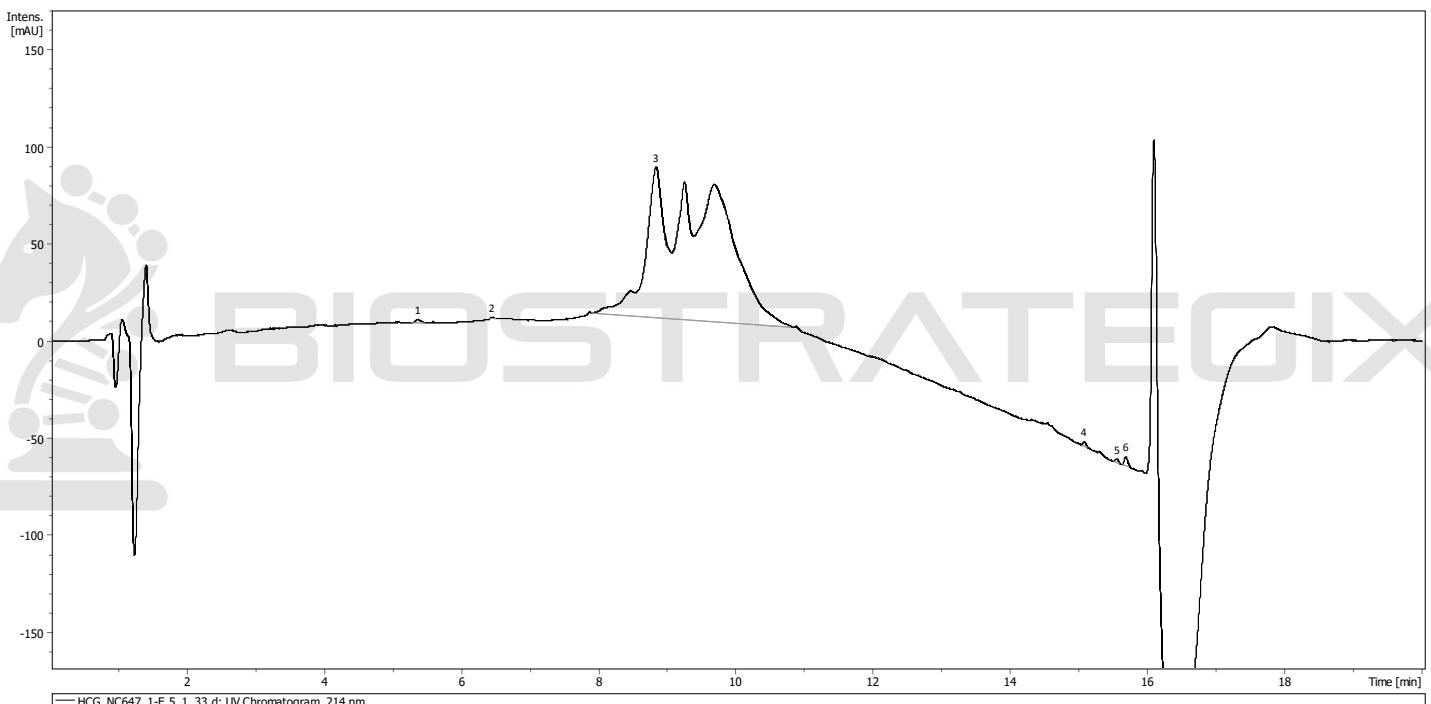
## Human Chorionic Gonadotropin

HCG

**Compound** : HCG  
**Lot number** : NC647  
**Analysis date** : 2024-01-30  
**Purity %** : 99.36%  
**Method** : Mass Spectrometry & UV

**Client** : Biostrategix  
<https://biostrategix.com/>

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



PEAK LIST      Number of detected peaks: 6  
Time (min)      Area      %Area

Peak list on next page

Purity determined using UV detection  
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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2024-01-31

PEAK LIST  
Time (min)

Number of detected peaks: 6

	Time (min)	Area	%Area
1	5.40	7.29E+00	0.14
2	6.50	2.77E+00	0.05
3	<b>8.90</b>	<b>5.23E+03</b>	<b>99.36</b>
4	15.10	5.45E+00	0.10
5	15.60	4.82E+00	0.09
6	15.70	1.35E+01	0.26

**HCG isoforms**