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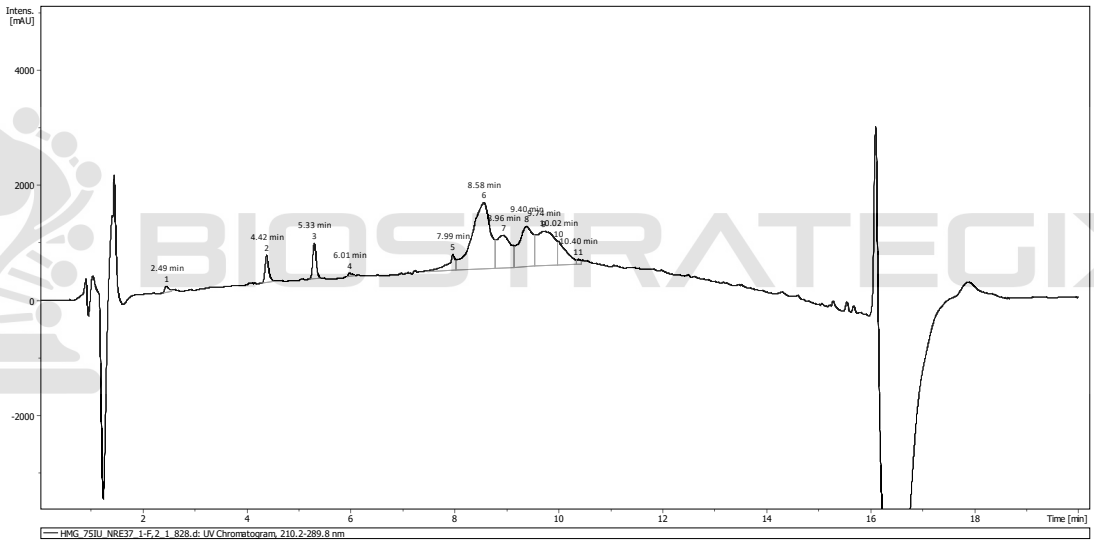
Certificate of Analysis

Human Menopausal Gonadotropin

Follicle stimulating protein and Luteinizing protein mixture

Compound	: **HMG**	**Client :**	**Biostrategix**
Lot number	: **NRE37**		**https://biostrategix.com/**
Analysis date	: **2024-03-05**		
Purity %	: **92.60%**		
Method	: **HPLC-UV**		

https://pubchem.ncbi.nlm.nih.gov/compound/Menotropins



PEAK LIST — Number of detected peaks: 11

	Time (min)	Area	%Area	
1	2.49	5.26E+02	0.66	
2	4.42	2.27E+03	2.83	
3	5.33	2.91E+03	3.62	
4	6.01	2.39E+02	0.30	
5	**7.99**	**2.93E+03**	**3.65**	**HMG isoform**
6	**8.58**	**2.82E+04**	**35.13**	**HMG isoform**
7	**8.96**	**1.07E+04**	**13.31**	**HMG isoform**
8	**9.40**	**1.29E+04**	**16.09**	**HMG isoform**
9	**9.74**	**1.45E+04**	**18.06**	**HMG isoform**
10	**10.02**	**4.75E+03**	**5.91**	**HMG isoform**
11	**10.40**	**3.68E+02**	**0.46**	**HMG isoform**
		Combined Purity	**92.61**	

Purity determined using HPLC-UV
Menopausal gonadotropin is not a single protein but a group of proteins, mainly follicle stimulating protein and luteinizing protein.
It presents as a multiple peaks of varying molecular weight.

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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2024-03-08