MZ Biolabs
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Tucson, AZ 85719
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Certificate of Analysis

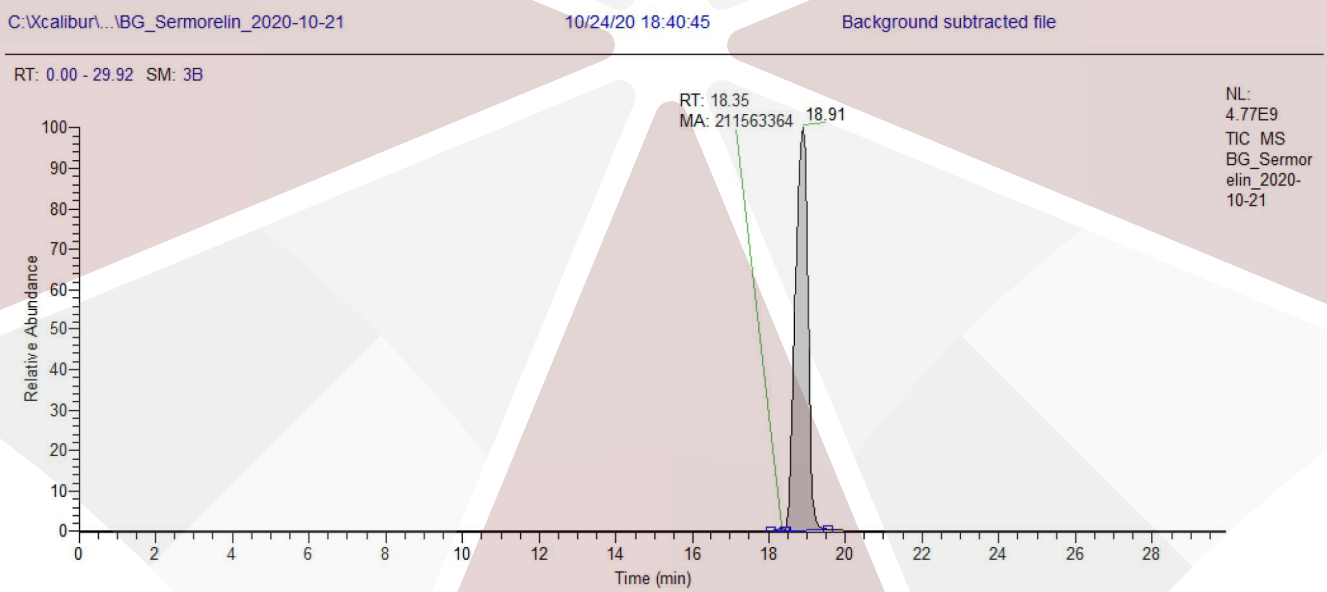
Sermorelin

H-Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-NH2

Compound	:	**Sermorelin**
Lot number	:	**2020-10-21**
Analysis date	:	**2020-10-23**
Purity %	:	**99.81%**
Method	:	**Mass Spectrometry and UV**
Client	:	UMBRELLA.us 3280 E Hemisphere Loop Tucson, Arizona 85706

PubChem CID: 16132413
https://pubchem.ncbi.nlm.nih.gov/compound/16132413

Expected mass : 3355.82 g
Measured mass : 3356.22 g
Molecular weight confirmed



PEAK LIST — Number of detected peaks: 2

Time (min)	Area	%Area	
18.35	2.12E+08	0.19	
18.91	**1.09E+11**	**99.81**	**Sermorelin**

Peak identity confirmed by mass spectrum evaluation
Purity confirmed using UV detection

Analysis Performed by
Ken Pendarvis, ChE
Analytical Chemist
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10/24/2020