



ElixirPeptide

ЧУДО НАУКИ В КАЖДОЙ КАПЛЕ

CERTIFICATE OF ANALYSIS

Product Name	Oxytocin
Cas No	50-56-6
Sequence	H-Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Leu-Gly-NH ₂
Dissolution condition	100%-H ₂ O
Length	9AA
Modification	Disulfide bridge: 1-6
Molecular Weight (MW)	1007.19±1
Storage	-20°C

Test Items	Specifications	Results
Purity by HPLC	≥99.0%	99.43%
Endotoxin	< 50.0EU/mg	Conforms
Moisture content	≤5.0%	2.7%
Acetic acid content	≤10.0%	6.8%
Appearance	White to off-white lyophilized powder	Conforms
Quantity	2.0mg/vial	500vials

Certified by:
Quality Assurance
Department

Date 06/11/2024

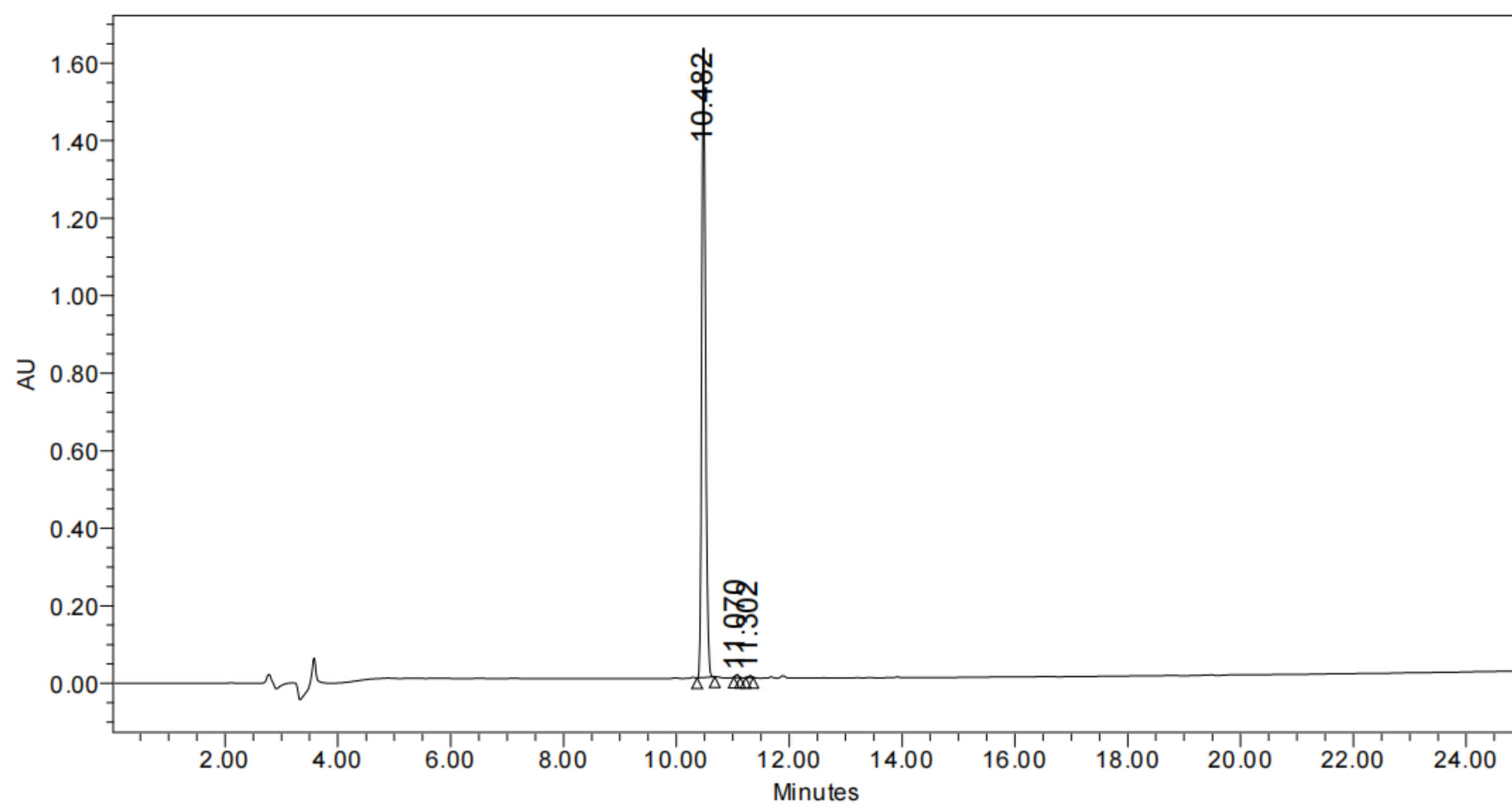
Note: this product is intended for research use only.



Sample Information

Name : Oxytocin
Sequence : H-Cys-Tyr-Ile-Gln-Asn-Cys-Pro-Leu-Gly-NH₂
Cas No : 50-56-6
Pump A : 0.1% Trifluoroacetic in 100% Water
Pump B : 0.1% Trifluoroacetic in 100% Acetonitrile
Total Flow : 1ml/min
Wavelength : 220nm
Analytical column type : SHIMADZU Inertsil ODS-SP (4.6*250mm*5um)
Inj. Volume : 10ul

Time	Module	Action	Value
0.00	Pumps	B.Conc	10
25.00	Pumps	B.Conc	70
25.01	Pumps	B.Conc	100
30.00	Pumps	B.Conc	100
30.01	Pumps	Stop	



	RT	Area	% Area	Height
1	10.482	7734116	99.43	1601435
2	11.070	25313	0.33	6903
3	11.302	18998	0.24	4247



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