

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	Epitalon
Lot No.:	3140023
Sequence:	Ala-Glu-Asp-Gly
Modifications:	N/A
Storage Conditions:	-20°C.

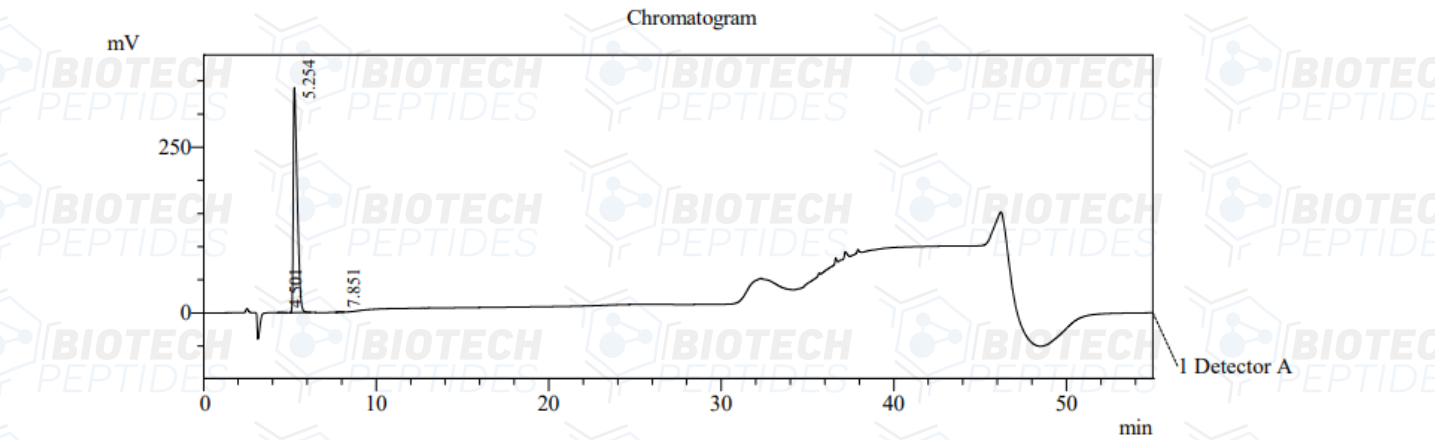
Quality Control

Test Items	Specifications	Results
Appearance	White to off-white lyophilized powder	White to off-white lyophilized powder (Conforms)
Molecular Weight (MS)	390.35±1.0 Da	389.80 Da
Purity by HPLC	>98%	99.7%
Retention Time (HPLC)	±0.2min of Standard	Conforms
Assay	80.0%~ 120.0%	110.6%
Solubility	25mg/1ml H ₂ O	Clearly soluble
Acetic acid Content	≤8.0%	0.8%
TFA Content	≤0.500%	Conforms
DCM Content	≤0.060%	N.D.
DMF Content	≤0.088%	N.D
Total Aerobic Count	≤100CFU/g	Conforms
Yeast & Molds Count	≤100CFU/g	Conforms
Endotoxins	≤0.5EU/mg	Conforms

Report Date: 05 Mar 2026

Sample Information	
Lot. No	3140023
Pump A	0.1% trifluoroacetic in 100% water
Pump B	0.1% trifluoroacetic in 100% acetonitrile
Total Flow	0.8ml/min
Wavelength	220nm
Analytical column type	Phenomenex Luna 3um C18 (2) (4.6*150mm*3um)
Dissolution method	100%H ₂ O
Acquisition Time	2026/3/05 19:48:54
Inj. Volume	20ul

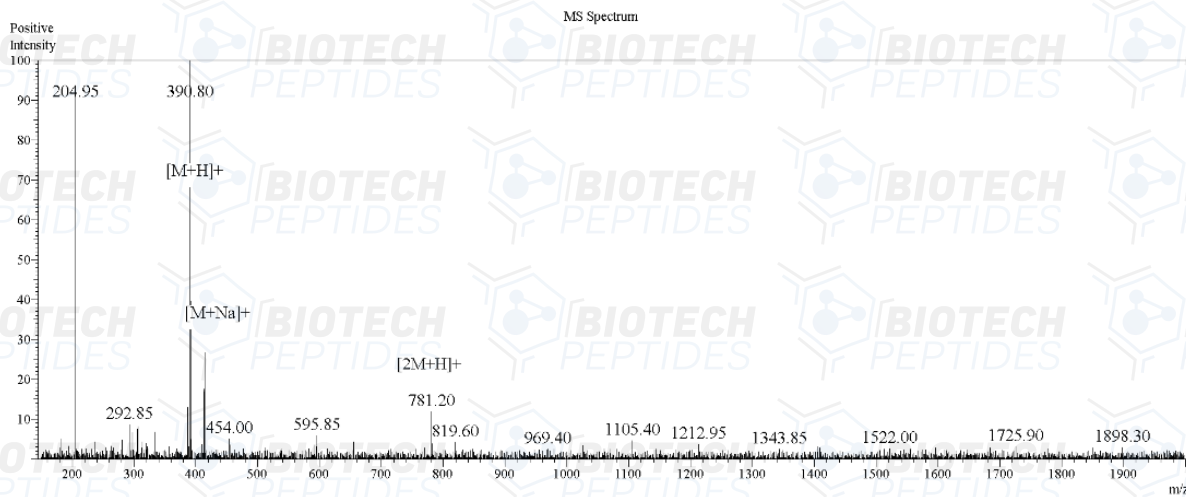
Time	Module	Action	Value
0.01	Pumps	B.Conc	0
25.00	Pumps	B.Conc	20
30.00	Pumps	B.Conc	90
40.00	Pumps	B.Conc	90
41.00	Pumps	B.Conc	0
55.00	Controller	Stop	



1 Detector A /220nm

Detector A 220nm

PeakTable				
Peak#	Ret. Time	Area	Height	Area %
1	4.501	8074	533	0.149
2	5.254	5392115	339765	99.657
3	7.851	10495	782	0.194
Total		5410684	341079	100.000



Sample Information
Dissolution method
Date Acquired
Injection Volume

:3%HAC+25%ACN+72%H₂O
: 2026/3/05 12:03:21
: 1ul

Interface
Nebulizing Gas Flow
CDL Temp
CDL Volt
Block Temp

:ESI
:1.50L/min
:250C
:0v
:200

Prerod Bias
Detector
T.Flow
B.conc

:+4.5kv

:-0.2kv

:0.2ml/min

:30%H₂O/70%MeOH

Lot No.	3140023
Theoretical	390.35
Observed	389.80