

CERTIFICATE OF ANALYSIS

Product Information

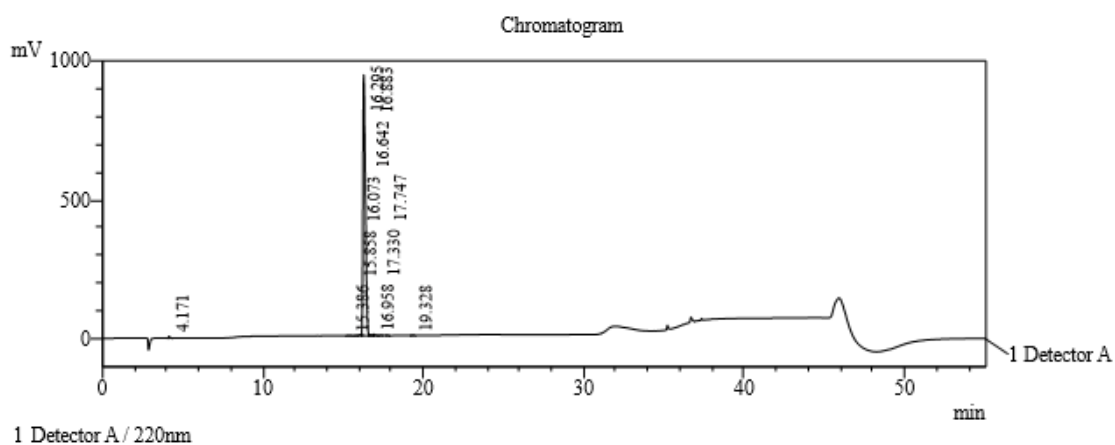
Product Name:	Selank
Lot No.:	3140077
Sequence:	Thr-Lys-Pro-Arg-Pro-Gly-Pro
Modifications:	N/A
Storage Conditions:	-20°C.

Quality Control

Test Items	Specifications	Results
Appearance	White to off-white lyophilized powder	White to off-white lyophilized powder (Conforms)
Molecular Weight (MS)	751.87±1.0 Da	751.80 Da
Purity by HPLC	>98%	98.6%
Retention Time (HPLC)	±0.2min of Standard	Conforms
Assay	80.0%~ 120.0%	81.2%
Solubility	10 mg/1ml H ₂ O	Clearly soluble
Acetic acid content	≤24.0%	12.7%
TFA Content	≤0.500%	Conforms
DCM Content	≤0.060%	N.D.
DMF Content	≤0.088%	0.001%
Total Aerobic Count	≤100CFU/g	Conforms
Yeast & Molds Count	≤100CFU/g	Conforms
Endotoxins	≤0.5EU/mg	Conforms

	Sample Information
Lot. No	3140077
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	2026/1/15 17:43:57
Inj. Volume	15ul

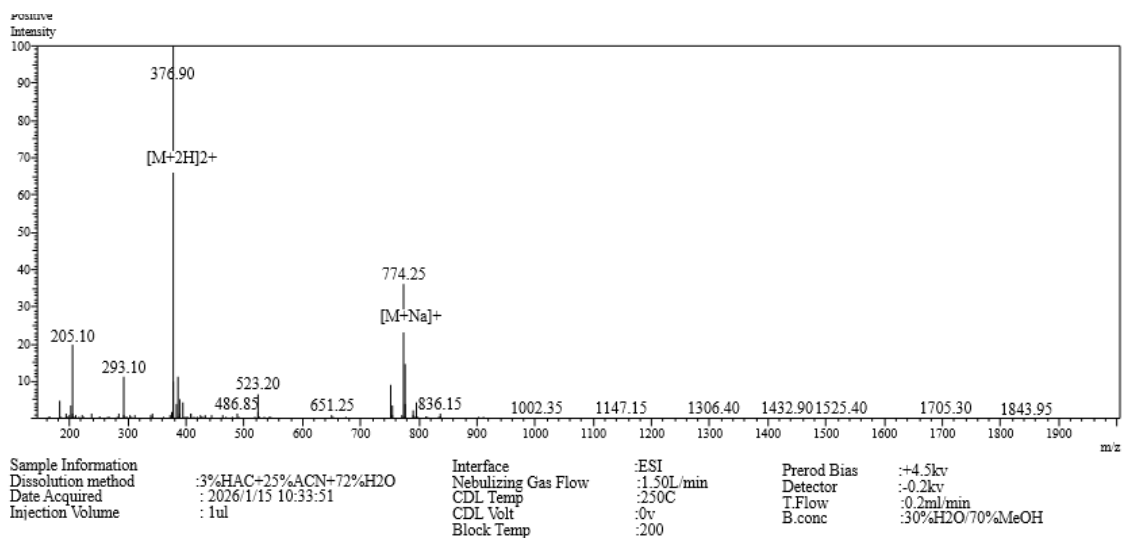
Time	Module	Action	Value
0.01	Pumps	B.Conc	0
25.00	Pumps	B.Conc	25
30.00	Pumps	B.Conc	90
40.00	Pumps	B.Conc	90
41.00	Pumps	B.Conc	0
55.00	Controller	Stop	



PeakTable

Detector A 220nm

Peak#	Ret. Time	Area	Height	Area %
1	4.171	42911	7098	0.411
2	15.386	4974	488	0.048
3	15.858	4170	473	0.040
4	16.073	24151	3309	0.231
5	16.295	10301325	942040	98.576
6	16.642	15526	3341	0.149
7	16.883	16654	2693	0.159
8	16.958	30651	4024	0.293
9	17.330	4740	448	0.045
10	17.747	2765	422	0.026
11	19.328	2304	396	0.022
Total		10450170	964732	100.000



Lot No.	3140077
Theoretical	751.87
Observed	751.80