

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	Selank
Lot No.:	SK13420250826-10
Sequence:	Thr-Lys-Pro-Arg-Pro-Gly-Pro
Modifications:	N/A

Quality Control

Test Items	Specifications	Results
Appearance	White to off-white lyophilized powder	Conforms
Molecular Weight (MS)	751.87±1.0 Da	752.00 Da
Purity by HPLC	>98%	98.2%
Retention Time (HPLC)	±0.2min of Standard	Conforms
Net Peptide Content	≥10mg	11.4mg
Solubility	10 mg/1ml H2O	Clearly soluble
Acetic acid Content	≤24.0%	14.8%
TFA Content	≤0.500%	Conforms
DCM Content	≤0.060%	0.002%
DMF Content	≤0.088%	0.035%
Total Aerobic Count	≤100CFU/g	Conforms
Yeast & Molds Count	≤100CFU/g	Conforms
Endotoxins	≤0.5EU/mg	Conforms

Storage Conditions:	-20°C
Quality Control:	Mike P.
Date of Analysis:	August 2025

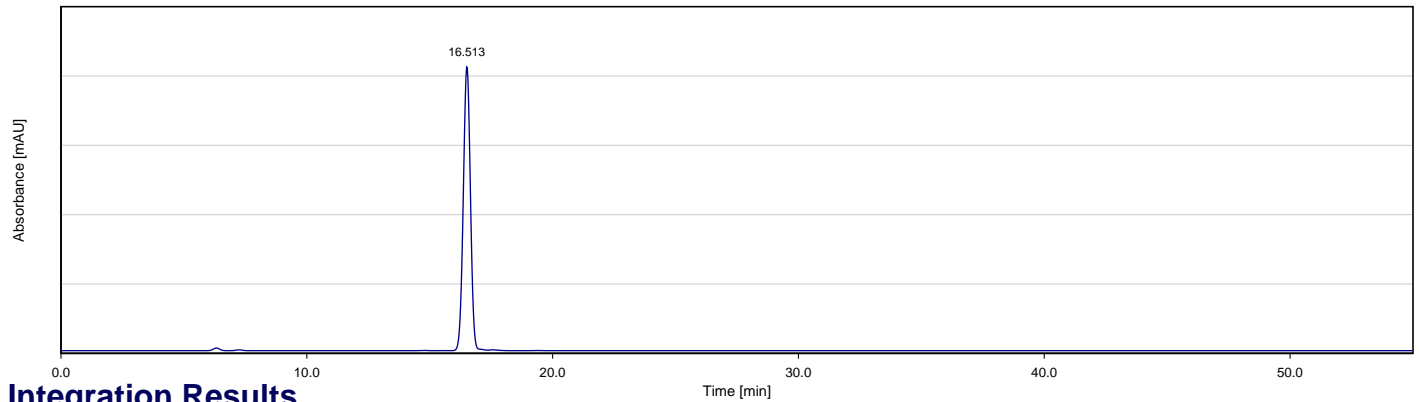
Sample Information

Lot. No	SK13420250826-10
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 5u C18 (2) (4.6*150mm*5um)
Dissolution method	100%H2O
Inj. Volume	15ul

Gradient Program

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	

Chromatogram

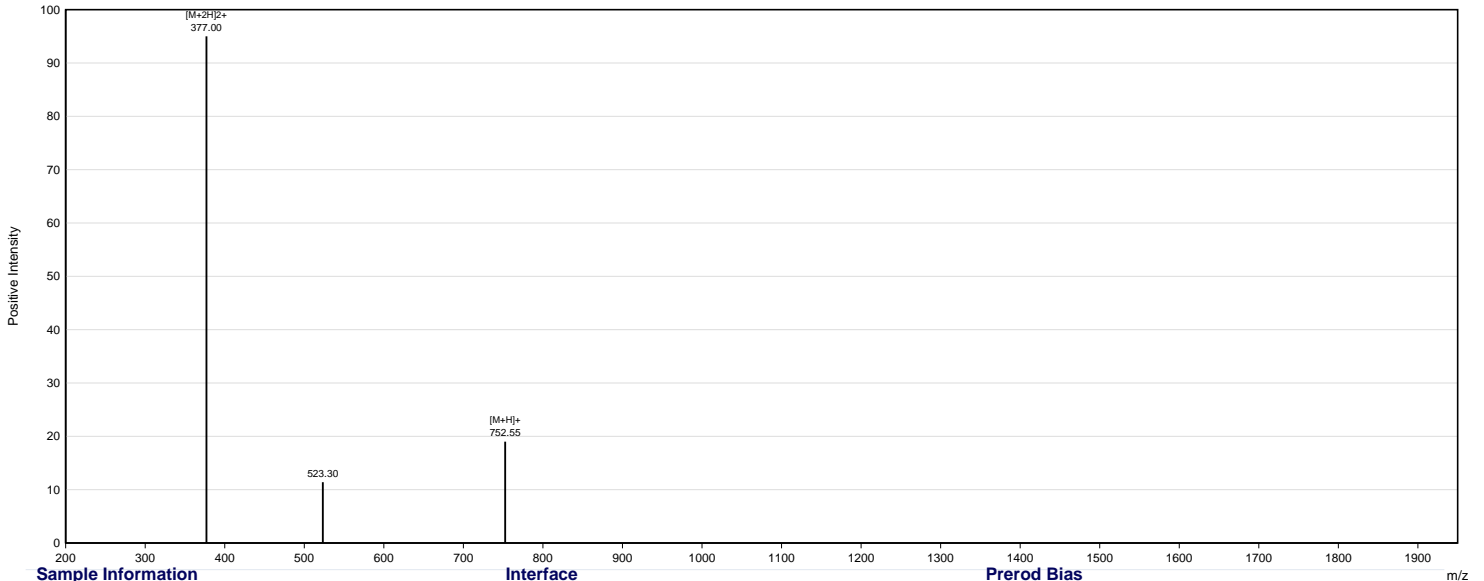


Integration Results

No.	Ret. Time	Area	Height	Relative Area %	Amount
1	6.326	63400	10023	0.459	n.a.
2	7.248	35477	2975	0.257	n.a.
3	14.780	6335	763	0.046	n.a.
4	15.635	1796	209	0.013	n.a.
5	16.313	63690	9079	0.461	n.a.
6	16.513	13594459	1080071	98.136	n.a.
7	17.000	25682	3401	0.186	n.a.
8	17.142	19515	2493	0.141	n.a.
9	17.563	27206	3106	0.197	n.a.
10	17.854	8779	822	0.064	n.a.
11	19.399	3016	509	0.022	n.a.
Total		13824354	1112337	100.000	n.a.

Conclusion: Main peak at RT 16.513 min, purity 98.14% by area

MS Spectrum



Sample Information

Dissolution method :3%HAC+25%ACN+72%H2O
Injection Volume :1ul

Interface

Interface :ESI
Nebulizing Gas Flow :1.50L/min
CDL Temp :250C
CDL Volt :0v
Block Temp :200

Prerod Bias

Prerod Bias :+4.5kv
Detector :-0.2kv
T.Flow :0.2ml/min
B. conc :30%H2O/70%MeOH

Lot No.	SK13420250826-10
Theoretical	751.87
Observed	752.00