

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	N-acetyl Selank
Lot No.:	VI1520260313-10
Sequence:	Thr-Lys-Pro-Arg-Pro-Gly-Pro
Modifications:	N-Terminal Acetyl

Quality Control

Test Items	Specifications	Results
Appearance	White to off-white lyophilized powder	White to off-white lyophilized powder (Conforms)
Molecular Weight (MS)	793.92±1.0 Da	794.10 Da
Purity by HPLC	>98%	99.3%
Retention Time (HPLC)	±0.2min of Standard	Conforms
Assay	80.0% ~ 120.0%	117.5%
Solubility	10 mg/1ml H ₂ O	Clearly soluble
Loss on Drying	≤10.0%	2.6%
Water Content	≤8.0%	2.6%
Visible Particulate Matter	The sampling inspection results meet the requirements of AQL 0.65%	Conforms
Subvisible Particulate Matter	≤6000 counts/container ≥10um ≤600 counts/container ≥25um	Conforms
Content Uniformity	AV ≤15.0	Conforms
Acetic Acid Content	≤12.0%	7.2%
TFA Content	≤0.500%	Conforms
DCM Content	≤0.060%	0.003%
DMF Content	≤0.088%	N.D.
Total Aerobic Count	≤100CFU/g	Conforms
Yeast & Molds Count	≤100CFU/g	Conforms
Endotoxins	≤0.5EU/mg	Conforms

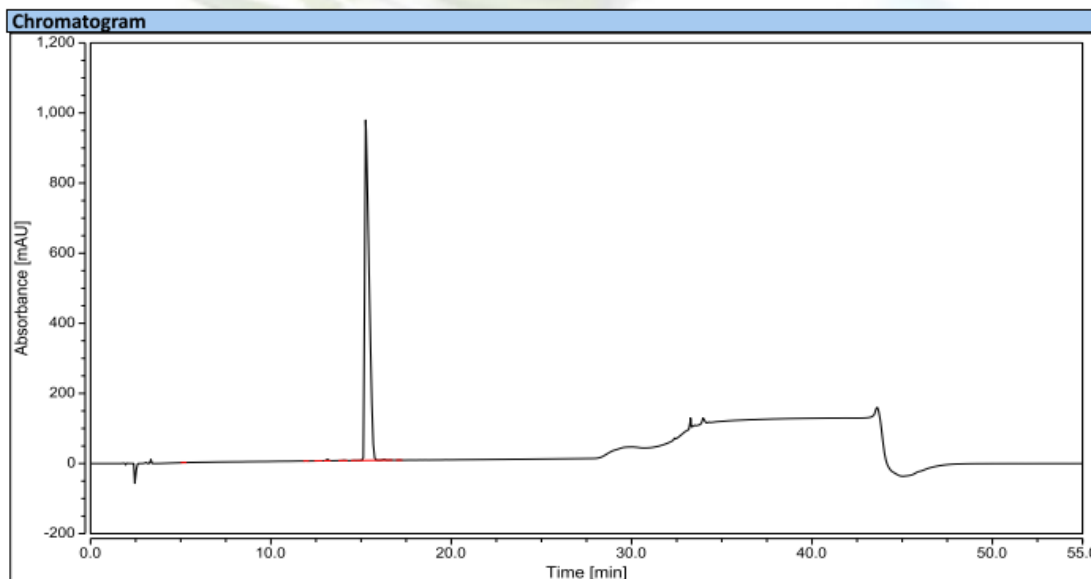
Storage Conditions: -20°C.

Date of Mfg: 13 Mar 2026

Sample Information

Lot. No	VI1520260313-10
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 3um C18 (2) (4.6*150mm*3um)
Dissolution method	100%H ₂ O
Acquisition Time	2026/03/15 21:08
Inj. Volume	18ul

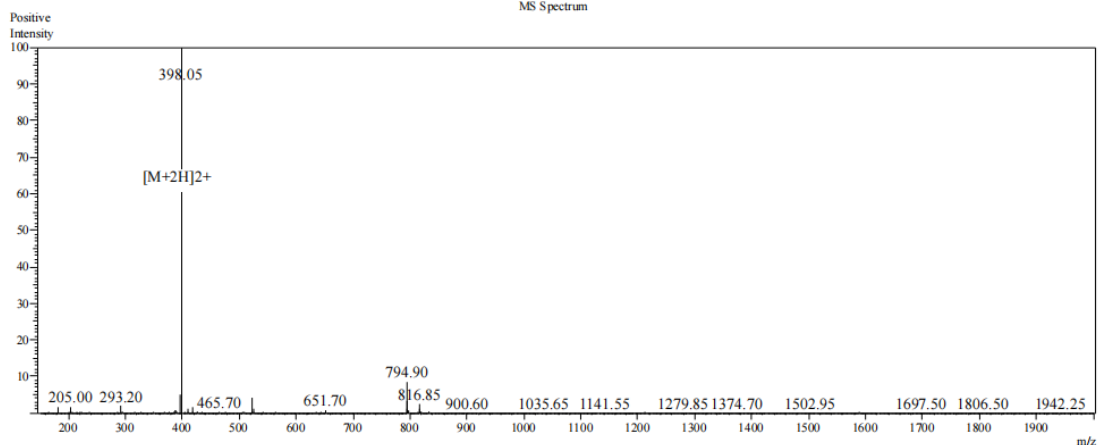
Time	Module	Action	Value
0.01	Pumps	B.Conc	2
25.00	Pumps	B.Conc	22
30.00	Pumps	B.Conc	90
40.00	Pumps	B.Conc	90
41.00	Pumps	B.Conc	2
55.00	Controller	Stop	



No.	RetentionTime min	Area mAU*min	Height mAU	Rel.Area %
1	5.127	0.1255	1.053	0.047
2	11.937	0.0854	0.672	0.032
3	12.730	0.0561	0.286	0.021
4	13.137	0.5877	4.339	0.221
5	14.061	0.2226	1.134	0.084
6	14.633	0.0824	0.520	0.031
7	14.900	0.0737	0.406	0.028
8	15.253	263.6170	970.759	99.324
9	16.276	0.4227	2.367	0.159
10	16.608	0.0661	0.474	0.025
11	17.138	0.0712	0.462	0.027

Total: 100.000

MS Spectrum



Sample Information		Interface	:ESI	Prerod Bias	:+4.5kv
Dissolution method	:3%HAC+25%ACN+72%H2O	Nebulizing Gas Flow	:1.50L/min	Detector	:-0.2kv
Date Acquired	: 2026/3/16 9:08:51	CDL Temp	:250C	T.Flow	:0.2ml/min
Injection Volume	: 1ul	CDL Volt	:0v	B.conc	:30%H2O/70%MeOH
		Block Temp	:200		

Lot No.	VI1520260313-10
Theoretical	793.92
Observed	794.10