

CERTIFICATE OF ANALYSIS

| | |
|-----------------------|---|
| Product Name | RP-182 peptide, Cat.#: 318940 (TFA removed) |
| Lot No. | MTFA33283-250904 |
| Sequence | KFRKAFFKRFF (Acetate Salt) |
| Dissolution condition | 5% HCOOH+15% ACN+80% H ₂ O |
| Modification | acetate salt |
| Molecular Weight (MW) | 1374.67 |
| Storage | -20°C |

| Test Items | Specifications | Results |
|---------------------|---------------------------------------|----------|
| MW by MS | 1374.80 | Conforms |
| Purity by HPLC | >95% | 96.222% |
| Peptide Content | N/A | N/A |
| TFA content | N/A | N/A |
| Moisture content | N/A | N/A |
| Acetic acid content | N/A | N/A |
| Appearance | White to off-white lyophilized powder | Conforms |
| Quantity | 100 mg | 20.0mg*5 |

NovoPro Bioscience Inc. (hereafter NovoPro) warrants material of said quality at the time of sale. It is the sole responsibility of the customers to determine the adequacy of all materials for any intended or specific purpose or use. NovoPro's sole obligation is to replace the material up to the extent of the purchase price. This warranty applies only to products in original packaging and does not apply to a product which has been tampered with or altered in any way in or which has been misused or damaged by accident or negligence. All claims must be received writing (by fax or email) within 30 days from date when product arrive at the destination city and failure to do so shall constitute a waiver by customers for any and all such claims.

Certified by:



Sep/05/2025

Quality Assurance Department

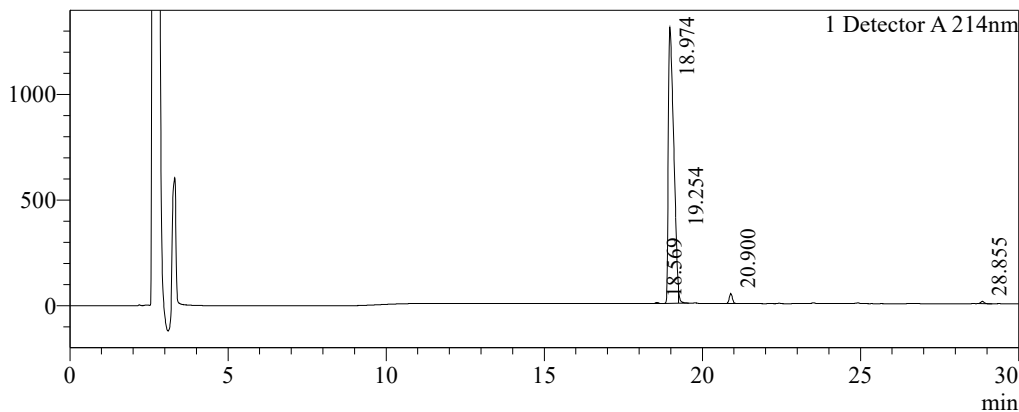


Sample Information

| | | | |
|------------------------|---|--------|-------|
| Order ID | :MTFA33283 | | |
| Name | :RP-182 peptide | | |
| Sequence | :KFRKAFKRFF (Acetate Salt) | | |
| Lot. No | :MTFA33283-250904 | | |
| Pump A | :0.1%Trifluoroacetic in 100% water | | |
| Pump B | :0.1%Trifluoroacetic in 100% acetonitrile | | |
| Total Flow | :1ml/min | | |
| Wavelength | :214nm | | |
| Analytical column type | :Kromasil 100-5-C18 (4.6*250mm*5 µm) | | |
| Dissolution method | :5%HCOOH+15%ACN+80%H2O | | |
| Inj. Volume | : 30ul | | |
| Time | Module | Action | Value |
| 0.01 | Pumps | B.Conc | 15 |
| 30.00 | Pumps | B.Conc | 45 |
| 33.00 | Pumps | B.Conc | 100 |
| 38.00 | Pumps | B.Conc | 100 |
| 40.00 | Pumps | B.Conc | 15 |
| 50.00 | Controller | Stop | |

Chromatogram

mV

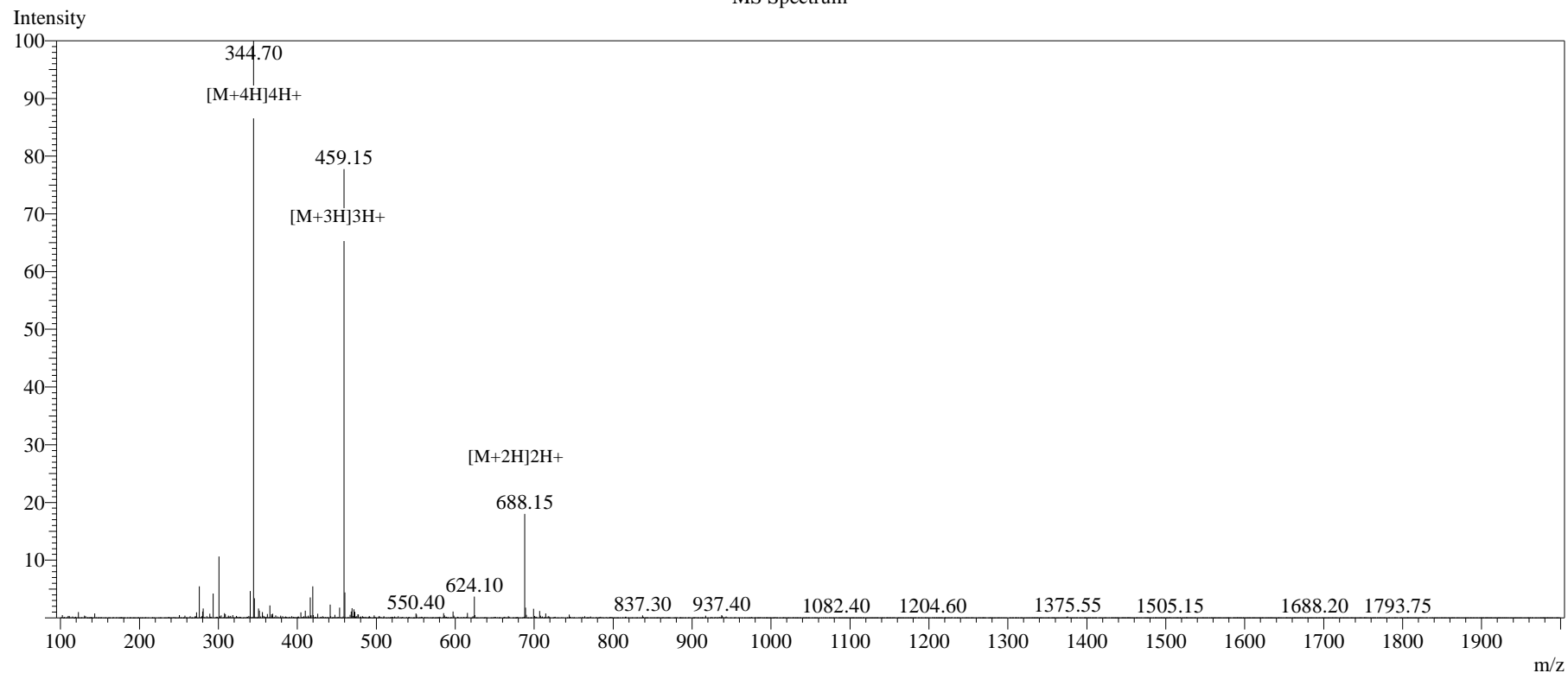


Peak Table

Detector A 214nm

| Peak# | Ret. Time | Area | Height | Area% |
|-------|-----------|----------|---------|---------|
| 1 | 18.569 | 34523 | 5492 | 0.213 |
| 2 | 18.974 | 15578675 | 1305609 | 96.222 |
| 3 | 19.254 | 167330 | 63487 | 1.034 |
| 4 | 20.900 | 328507 | 46775 | 2.029 |
| 5 | 28.855 | 81332 | 10886 | 0.502 |
| Total | | 16190368 | 1432249 | 100.000 |

MS Spectrum



Sample Information

Dissolution method :5% HCOOH+15% ACN+80% H₂O
Date Acquired :2025/08/27 11:13:04
Injection Volume :0.2ul
Block Temp :200

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

Prerod Bias :+4.5kv
Detector :-.0.2kv
T.Flow :0.2ml/min
B.conc :50% H₂O/50% ME OH

Order ID :MTFA33283
Name :RP-182 peptide
Sequence :KFRKAFKRFF (Acetate Salt)
Lot.No :MTFA33283-250904
Theoretical :1374.67
Observed :1374.80