For Enjoyable Discovery

# CERTIFICATE OF ANALYSIS

| | |
|---|---|
| **Product Name** | Myostatin inhibitory peptide 3d, Cat.#: 318721 |
| **Lot No.** | MTFB21256-261024 |
| **Sequence** | {2-Naphthoxyacetic acid}-RQNTRYSRIEWIKIQIISKLRL-NH2 |
| **Dissolution condition** | 100%H2O |
| **Modification** | N/A |
| **Molecular Weight (MW)** | 2998.57 |
| **Storage** | -20°C |

| Test Items | Specifications | Results |
|---|---|---|
| **MW by MS** | 2998.00 | Conforms |
| **Purity by HPLC** | >95% | 95.227% |
| **Peptide 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** | 100.0mg | 5.0mg*20 |

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:

Quality Assurance Department

Nov/03/2026

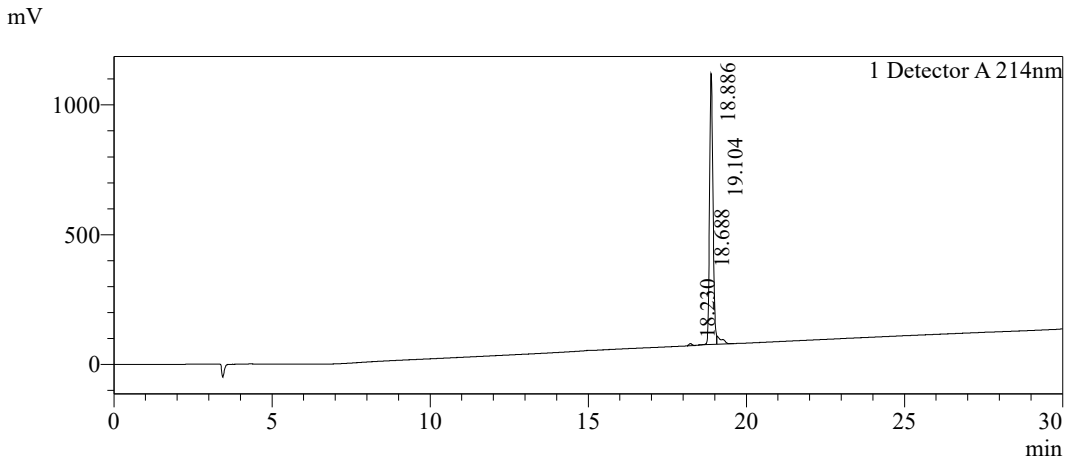
NovoPro Biosciences Inc. VERIFIED Quality Control

## Sample Information

| | |
|---|---|
| Order ID | :MTFB21256 |
| Name | :Myostatin inhibitory peptide 3d, Cat.#: 318721 |
| Sequence | :{2-Naphthoxyacetic acid}-RQNTRYSRIEWIKIQIISKLRL-NH2 |
| Lot.No | :MTFB21256-261024 |
| Pump A | :0.1%Trifluoroacetic in 100% water |
| Pump B | :0.1%Trifluoroacetic in 100% acetonitrile |
| Total Flow | :1ml/min |
| Wavelength | :214nm |
| Analytial column type | :Kromasil 100-5-C18 (4.6*250mm*5 μm) |
| Dissolution method | :100%H2O |
| Inj. Volume | : 30ul |

| Time | Module | Action | Value |
|---|---|---|---|
| 0.01 | Pumps | B.Conc | 25 |
| 30.00 | Pumps | B.Conc | 55 |
| 33.00 | Pumps | B.Conc | 100 |
| 38.00 | Pumps | B.Conc | 100 |
| 40.00 | Pumps | B.Conc | 25 |
| 50.00 | Controller | Stop | |

## Chromatogram

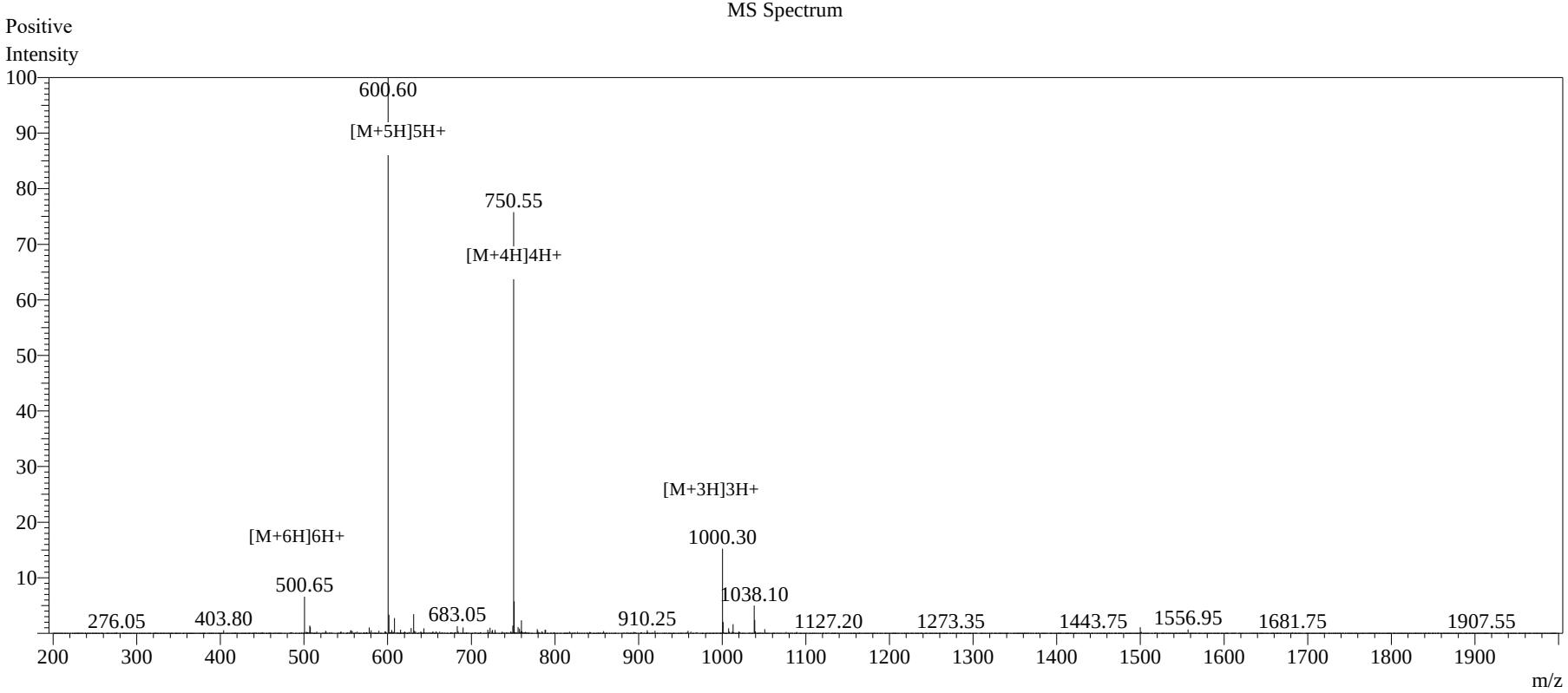



## Peak Table

Detector A 214nm

| Peak# | Ret. Time | Area | Height | Area% |
|---|---|---|---|---|
| 1 | 18.230 | 50928 | 7889 | 0.612 |
| 2 | 18.688 | 13680 | 1156 | 0.165 |
| 3 | 18.886 | 7918022 | 1044331 | 95.227 |
| 4 | 19.104 | 332272 | 27843 | 3.996 |
| Total | | 8314902 | 1081221 | 100.000 |

MS Spectrum




## Sample Information

| | | | | | |
|---|---|---|---|---|---|
| Dissolution method | :15%ACN+85%H2O | Interface | :ESI | Prerod Bias | :+4.5kv |
| Date Acquired | :2026/11/02 15:50:41 | Nebulizing Gas Flow | :1.50L/min | Detector | :-0.2kv |
| Injection Volume | :0.2ul | CDL Temp | :250℃ | T.Flow | :0.2ml/min |
| Block Temp | :200 | CDL Volt | :0v | B.conc | :50%H2O/50%MEOH |

| | |
|---|---|
| Order ID | :MTFB21256 |
| Name | :Myostatin inhibitory peptide 3d, Cat.#: 318721 |
| Sequence | :{2-Naphthoxyacetic acid}-RQNTRYSRIEWIKIQIISKLRL-NH2 |
| Lot.No | :MTFB21256-261024 |
| Theoretical | :2998.57 |
| Observed | :2998.00 |