NovoPro

For Enjoyable Discovery

# CERTIFICATE OF ANALYSIS

| | |
|---|---|
| **Product Name** | DR8 peptide, Cat.#: 319398 |
| **Lot No.** | P260709-CL1371117 |
| **Sequence** | H-DHNNPQIR-NH2 |
| **Dissolution condition** | 100%H2O |
| **Modification** | N/A |
| **Molecular Weight (MW)** | 992.00 |
| **Storage** | -20°C |

| Test Items | Specifications | Results |
|---|---|---|
| **MW by MS** | 992.05 | Conforms |
| **Purity by HPLC** | >95% | 96.50 % |
| **Endotoxin Content** | N/A | N/A |
| **TFA solubility** | N/A | N/A |
| **Moisture content** | N/A | N/A |
| **Peptide content** | N/A | N/A |
| **Appearance** | White to off-white lyophilized powder | Conforms |
| **Quantity** | 20mg | 5mg*4 |



Certified by:

Quality Assurance Department

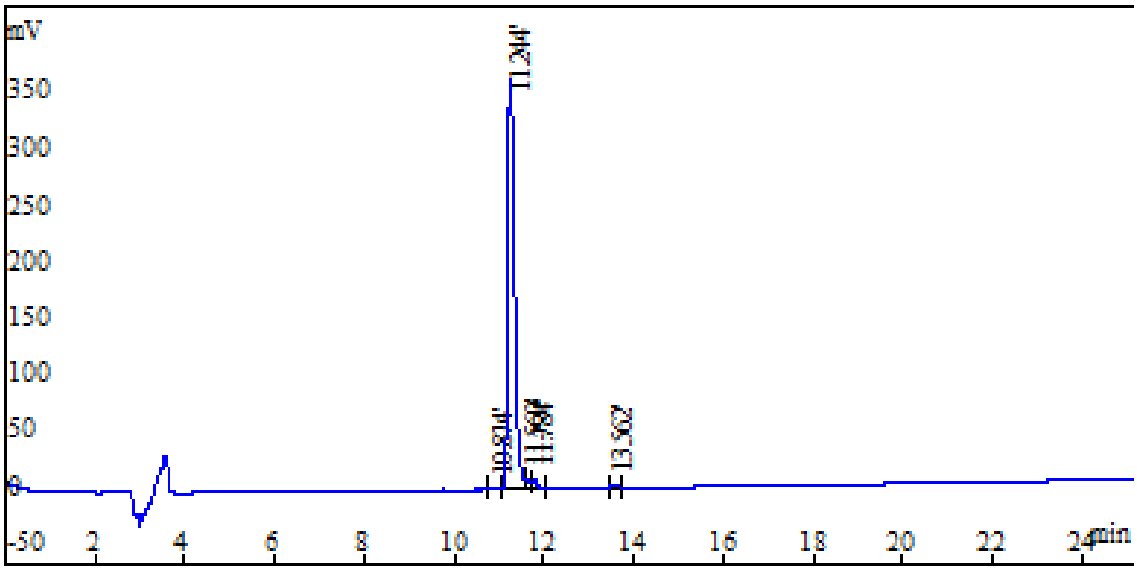
Jul/30/2026

NovoPro Biosciences Inc. VERIFIED Quality Control

## Sample Information

| | | |
|---|---|---|
| Order ID | : | N/A |
| Name | : | DR8 peptide, Cat.#: 319398 |
| Sequence | : | H-DHNNPQIR-NH2 |
| Lot. No | : | P260709-CL1371117 |
| Pump A | : | 0.1%TFA in 100%water |
| Pump B | : | 0.1%TFA in 100%acetonitrile |
| Total Flow | : | 1ml/min |
| Wavelength | : | 220nm |
| Analytial column type | : | 250*4.6mm,Boston Green 0DS-AQ |
| Dissolution method | : | 100%H2O |

## Chromatogram

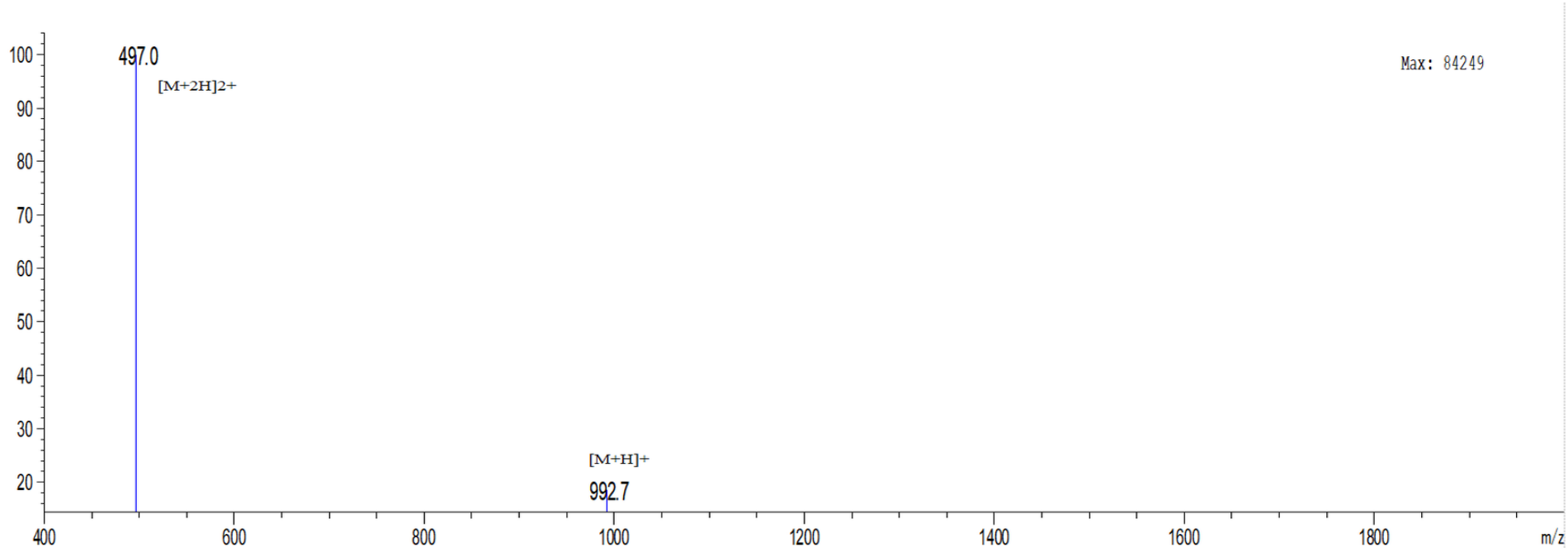



## Peak Table

Detector A 220nm

| Peak# | Ret. Time | Area | Height | Area% |
|---|---|---|---|---|
| 1 | 10.874 | 14821 | 1285 | 0.4014 |
| 2 | 11.244 | 3562755 | 363851 | 96.5 |
| 3 | 11.560 | 59119 | 7788 | 1.601 |
| 4 | 11.784 | 40479 | 5623 | 1.096 |
| 5 | 13.562 | 15011 | 1760 | 0.4066 |
| Total | - | 3692185 | 380307 | 100 |

## MS Spectrum




## Sample Information

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Date Acquired | : | 2026/07/17 | Interface | : | ESI | Prerod Bias | : +4.5kv |
| Block Temp | : | 200°C | Nebulizing Gas Flow | : | 1.5L/min | Detector | : 1.5kv |
| Injection Volume | : | 1ul | CDL Temp | : | 250°C | T.Flow | : 0.2ml/min |
| | | | CDL Volt | : | -20.0v | B.conc | : 50%H2O/50%ACN |

| | | |
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| Lot.No | : | P260709-CL1371117 |
| Theoretical | : | 992.05 |
| Observed | : | 992.00 |