



ElixirPeptide

ЧУДО НАУКИ В КАЖДОЙ КАПЛЕ

CERTIFICATE OF ANALYSIS

|                       |                                                                                                                                                                                             |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | FOX04-DRI                                                                                                                                                                                   |
| Cas No                | 2460055-10-9                                                                                                                                                                                |
| Sequence              | D-(Leu-Thr-Leu-Arg-Lys-Glu-Pro-Ala-Ser-Glu-Ile-Ala-Gln-Ser-Ile-Leu-Glu-Ala-Tyr-Ser-Gln-Asn-Gly-Trp-Ala-Asn-Arg-Arg-Ser-Gly-Gly-Lys-Arg-Pro-Pro-Pro-Arg-Arg-Arg-Gln-Arg-Arg-Lys-Lys-Arg-Gly) |
| Dissolution condition | 100%-H <sub>2</sub> O                                                                                                                                                                       |
| Length                | 46AA                                                                                                                                                                                        |
| Modification          | N/A                                                                                                                                                                                         |
| Molecular Weight (MW) | 5358.06±1                                                                                                                                                                                   |
| Storage               | -20°C                                                                                                                                                                                       |

| Test Items          | Specifications                        | Results  |
|---------------------|---------------------------------------|----------|
| Purity by HPLC      | ≥99.0%                                | 99.48%   |
| Endotoxin           | < 50.0EU/mg                           | Conforms |
| Moisture content    | ≤8.0%                                 | 2.3%     |
| Acetic acid content | ≤10.0%                                | 8.4%     |
| Appearance          | White to off-white lyophilized powder | Conforms |

Certified by:  
Quality Assurance  
Department

Date 06/12/2024

Note: this product is intended for research use only.



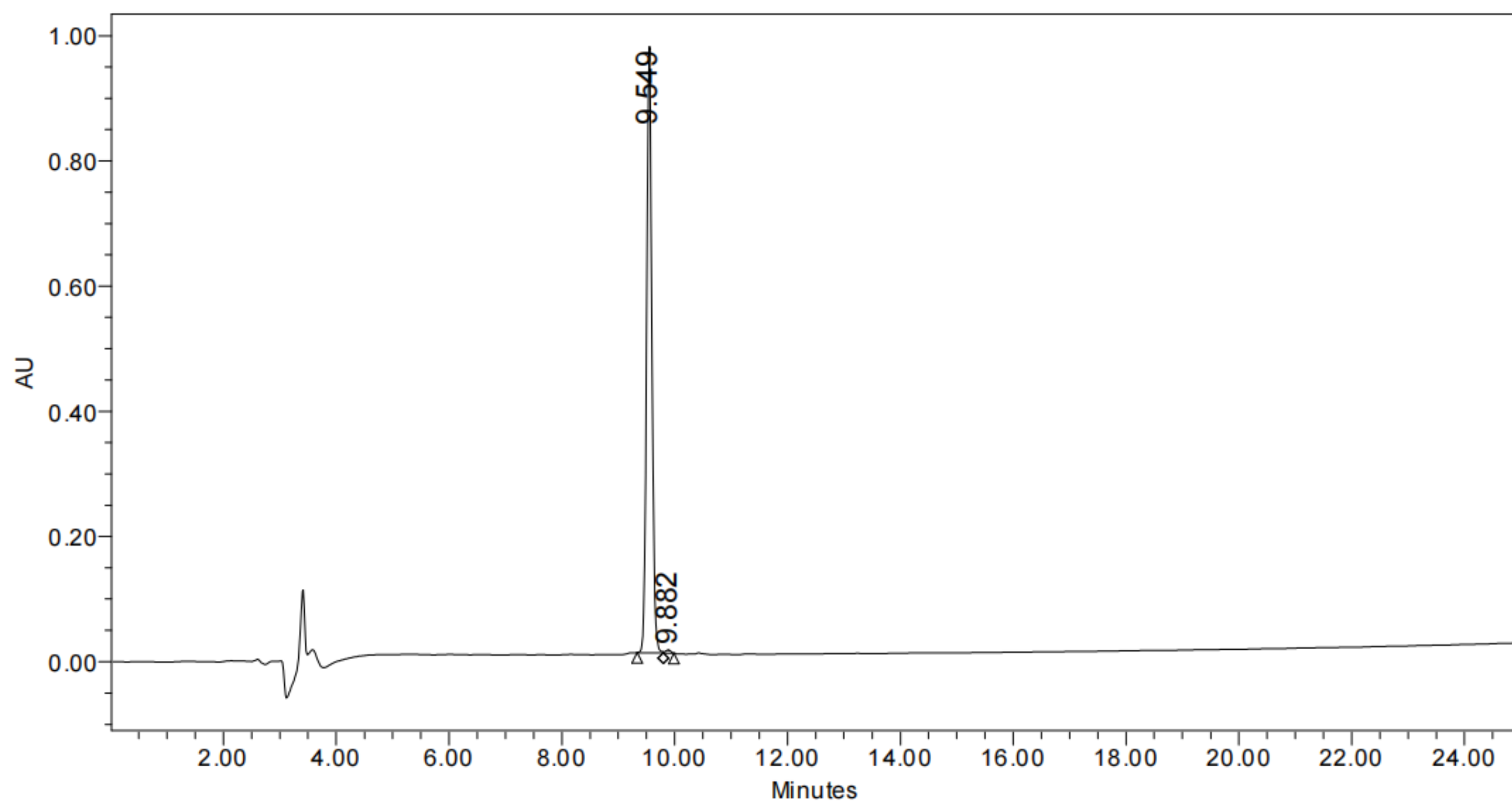
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### Sample Information

Name : FOX04-DRI  
Sequence : D-(Leu-Thr-Leu-Arg-Lys-Glu-Pro-Ala-Ser-Glu-Ile-Ala-Gln-Ser-Ile-Leu-Glu-Ala-Tyr-Ser-Gln-Asn-Gly-Trp-Ala-Asn-Arg-Arg-Ser-Gly-Gly-Lys-Arg-Pro-Pro-Pro-Arg-Arg-Arg-Gln-Arg-Arg-Lys-Lys-Arg-Gly)  
Cas No : 2460055-10-9  
Pump A : 0.1% Trifluoroacetic in 100% Water  
Pump B : 0.1% Trifluoroacetic in 100% Acetonitrile  
Total Flow : 1ml/min  
Wavelength : 220nm  
Analytical column type : SHIMADZU Inertsil ODS-SP ( 4.6\*250mm\*5um)  
Inj. Volume : 10ul

| Time  | Module | Action | Value |
|-------|--------|--------|-------|
| 0.00  | Pumps  | B.Conc | 15    |
| 25.00 | Pumps  | B.Conc | 75    |
| 25.01 | Pumps  | B.Conc | 100   |
| 30.00 | Pumps  | B.Conc | 100   |
| 30.01 | Pumps  | Stop   |       |



|   | RT    | Area    | % Area | Height |
|---|-------|---------|--------|--------|
| 1 | 9.549 | 6325753 | 99.48  | 963257 |
| 2 | 9.882 | 33122   | 0.52   | 5127   |



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