

# Certificate of Analysis

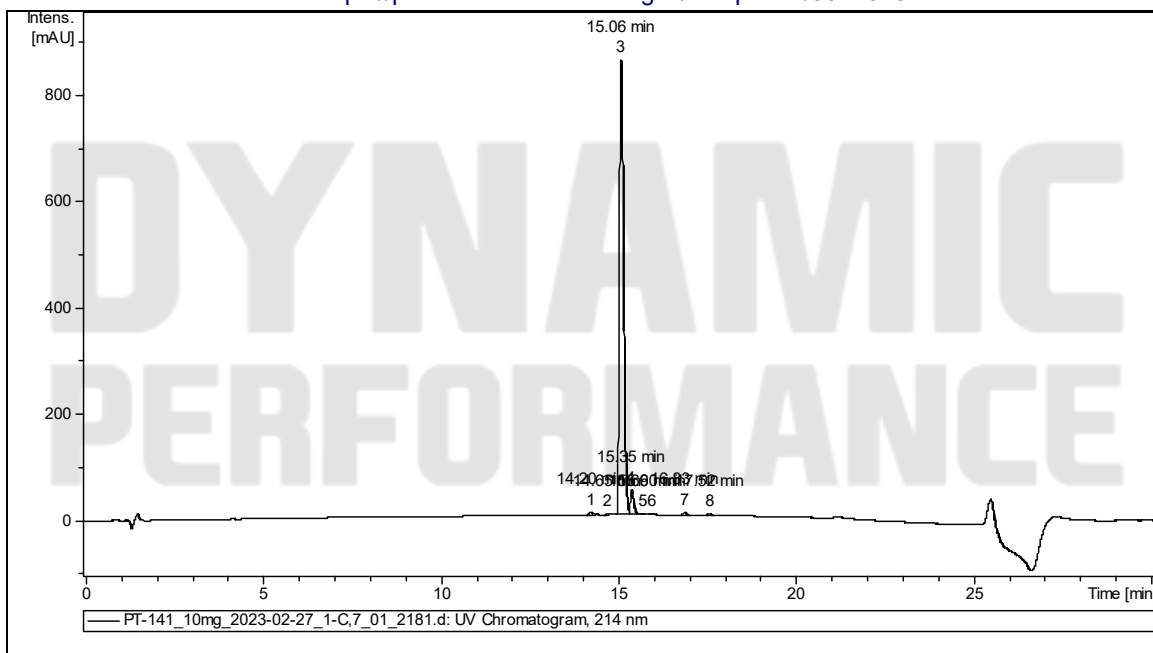
**PT-141 10 mg**

L-Lysine, N-acetyl-L-norleucyl-L-alpha-aspartyl-L-histidyl-D-phenylalanyl-L-arginyl-L-tryptophyl-, (2→7)-lactam

|                      |                                   |               |                                                                         |
|----------------------|-----------------------------------|---------------|-------------------------------------------------------------------------|
| <b>Compound</b>      | : <b>PT-141</b>                   | <b>Client</b> | : <b>Peak Body Nutrition</b>                                            |
| <b>Lot number</b>    | : <b>2023-02-27</b>               |               | : <b>27 Harvey Close Crowther Industrial Estate</b>                     |
| <b>Analysis date</b> | : <b>2023-03-01</b>               |               | : <b>Washington, NE38 0AB</b>                                           |
| <b>Purity %</b>      | : <b>95.1%</b>                    |               | : <b>United Kingdom</b>                                                 |
| <b>Method</b>        | : <b>Mass Spectrometry and UV</b> |               | : <a href="https://www.peakbody.co.uk/">https://www.peakbody.co.uk/</a> |

PubChem CID: 9941379

<https://pubchem.ncbi.nlm.nih.gov/compound/9941379>



PEAK LIST Number of detected peaks: 8

Peak details on next page

Purity determined using UV detection  
Peak identity confirmed by mass spectrum evaluation  
Expected mass : 1024.52 g  
Measured mass : 1024.55 g  
Molecular weight confirmed

Note: Injectable peptides contain salts and sugars to aid in solubility and act as pH buffers.  
These are not normally detected using UV and are not considered impurities.

Analysis Performed by  
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2023-03-02

| PEAK LIST    | Number of detected peaks: 8 |             |               |
|--------------|-----------------------------|-------------|---------------|
| Time (min)   | Area                        | %Area       |               |
| 14.20        | 3.39E+01                    | 0.5         |               |
| 14.65        | 4.72E+00                    | 0.1         |               |
| <b>15.06</b> | <b>7.04E+03</b>             | <b>95.1</b> | <b>PT-141</b> |
| 15.35        | 2.71E+02                    | 3.7         |               |
| 15.66        | 4.72E+00                    | 0.1         |               |
| 15.90        | 5.86E+00                    | 0.1         |               |
| 16.83        | 2.61E+01                    | 0.4         |               |
| 17.52        | 1.94E+01                    | 0.3         |               |