

# Certificate of Analysis

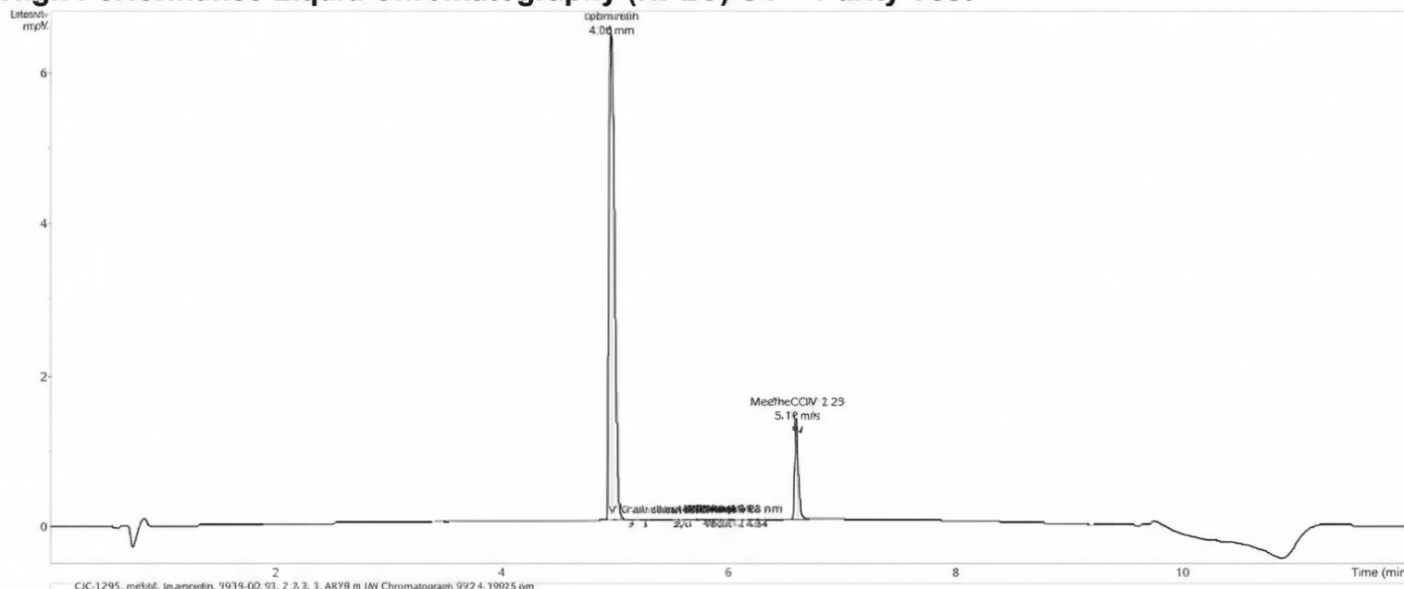
## CJC-1295 no DAC 5 mg, Ipamorelin 5 mg

**Compound** : CJC-1295, Ipamorelin **Client** :  
**Lot number** : 2024-07-22  
**Analysis date** : 2024-08-11  
**Purity %** : 99.49%  
**Method** : HPLC-UV-MS

CJC 1295 no DAC PubChem CID: 91971820  
<https://pubchem.ncbi.nlm.nih.gov/compound/91971820>

Ipamorelin PubChem CID: 9831659  
<https://pubchem.ncbi.nlm.nih.gov/compound/9831659>

### High Performance Liquid Chromatography (HPLC) UV – Purity Test



| PEAK LIST |            |          |       | Number of detected peaks: 14 |  |
|-----------|------------|----------|-------|------------------------------|--|
|           | Time (min) | Area     | %Area |                              |  |
| 1         | 4.98       | 2.43E+05 | 86.57 | Ipamorelin                   |  |
| 2         | 5.16       | 7.69E+01 | 0.03  |                              |  |
| 3         | 5.58       | 2.09E+02 | 0.08  |                              |  |
| 4         | 5.64       | 3.88E+01 | 0.01  |                              |  |
| 5         | 5.65       | 8.35E+01 | 0.01  |                              |  |
| 6         | 5.79       | 2.51E+01 | 0.03  |                              |  |
| 7         | 5.83       | 5.11E+02 | 0.02  |                              |  |
| 8         | 5.93       | 5.12E+01 | 0.02  |                              |  |
| 9         | 5.87       | 1.07E+02 | 0.04  |                              |  |
| 10        | 5.96       | 2.85E+02 | 0.10  |                              |  |
| 11        | 6.09       | 1.13E+02 | 0.04  |                              |  |
| 12        | 6.22       | 7.01E+01 | 0.03  |                              |  |
| 13        | 6.30       | 7.84E+01 | 0.03  |                              |  |
| 14        | 6.61       | 2.89E+04 | 10.92 | CJC-1295                     |  |

**Overall Purity : 99.49**

Note: Injectable peptides may 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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2024-08-13



# CJC-1295 no DAC 5 mg, Ipamorelin 5 mg

## Mass Spectrometry (MS) – Identity Test

### Identity confirmed using HPLC-MS

Molecular weight calculated using monoisotopic m/z values from mass spectrum

Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.  
The dominant isotopic peak (base peak) shown in the spectrum below can be used to approximate the average molecular weight frequently reported by vendors and databases as a secondary means of confirmation.

### Ipamorelin

Ipamorelin PubChem CID: 9831659

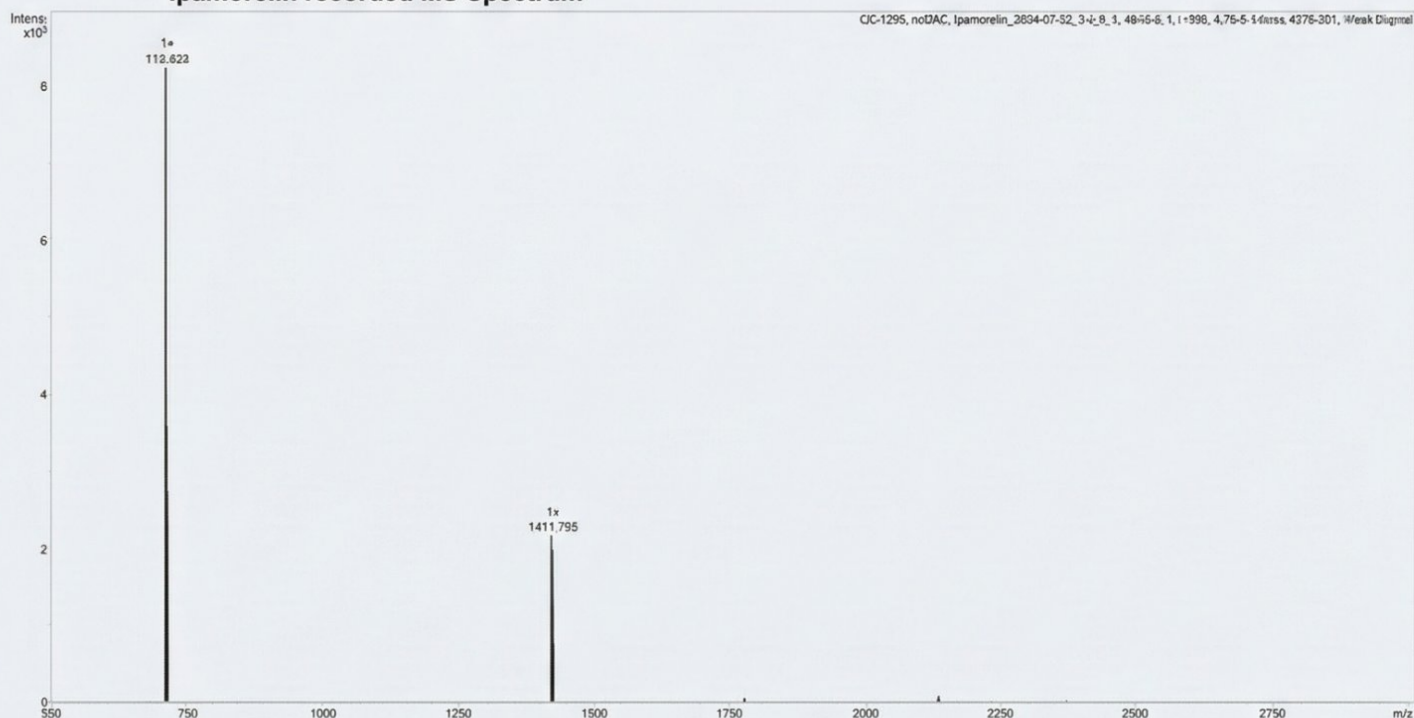
<https://pubchem.ncbi.nlm.nih.gov/compound/9831659>

Expected monoisotopic mass : 711.38 Da

Measured monoisotopic mass : 711.40 Da

**Molecular weight confirmed**

### Ipamorelin recorded MS Spectrum

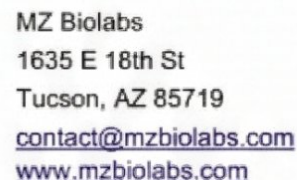


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### Mass Spectrometry (MS) – Identity Test

Molecular weight calculated using monoisotopic  $m/z$  values from mass spectrum

CJC-1295 по DAC

|                                   |         |    |
|-----------------------------------|---------|----|
| Expected monoisotopic mass :      | 3365.89 | Da |
| Measured monoisotopic mass :      | 3365.93 | Da |
| <b>Molecular weight confirmed</b> |         |    |

ChC-1255\_nodHAc\_ipamercilin\_2014-10-10\_12\_1 C\_4\_4\_m76 d 2.17416, 6.32 E-76ms, 4877-SPG -Peak Signal

| m/z      | Relative Intensity (approx.) |
|----------|------------------------------|
| 390.144  | 0.05                         |
| 441.391  | 0.9                          |
| 842.355  | 2.8                          |
| 1189.360 | 3.0                          |
| 1446.816 | 0.05                         |
| 1665.999 | 0.2                          |

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KRL  
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