



## ARA-290 (Cibinetide)

10mg / vial

 **VERIFIED CERTIFICATE** Status: **PASSED ALL TESTS**

| PURITY        | NET CONTENT     | IDENTITY    | STERILITY   | ENDOTOXIN   | HEAVY METALS |
|---------------|-----------------|-------------|-------------|-------------|--------------|
| <b>99.63%</b> | <b>10.17 mg</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b> | <b>PASS</b>  |

### SAMPLE

|                   |                             |
|-------------------|-----------------------------|
| Client / Brand    | <b>Peptora</b>              |
| Product           | <b>ARA-290 (Cibinetide)</b> |
| Batch number      | <b>ARA-260902-P0</b>        |
| Product form      | <b>Lyophilized powder</b>   |
| Labeled quantity  | <b>10mg / vial</b>          |
| Molecular formula | <b>C51H84N16O21</b>         |
| CAS number        | <b>1208243-50-8</b>         |
| Cap color         | <b>Grey</b>                 |

### RESULTS

|                                                           |                     |
|-----------------------------------------------------------|---------------------|
| Purity                                                    | <b>99.63%</b>       |
| Net content                                               | <b>10.17 mg</b>     |
| Identity LC-MS                                            | <b>Confirmed</b>    |
| Endotoxin (LAL)                                           | <b>0.32 EU/mL</b>   |
| Sterility                                                 | <b>No growth</b>    |
| Heavy metals                                              | <b>&lt; 0.1 ppm</b> |
| As 0.048 ppm · Cd 0.008 ppm · Pb 0.016 ppm · Hg 0.021 ppm |                     |

### ADDITIONAL TESTS

|                            |                     |
|----------------------------|---------------------|
| Fentanyl Presence Analysis | <b>Not detected</b> |
|----------------------------|---------------------|

### BATCH CONFORMITY

| VIAL                 | PURITY        | NET CONTENT     |
|----------------------|---------------|-----------------|
| V-01                 | 99.4%         | 10.2 mg         |
| V-02                 | 99.65%        | 10.11 mg        |
| V-03                 | 99.85%        | 10.2 mg         |
| <b>Batch average</b> | <b>99.63%</b> | <b>10.17 mg</b> |

### HPLC CHROMATOGRAM



Generated chromatogram visualization — not raw HPLC data.

| METHOD                           | COLUMN                           | DETECTION        | RETENTION TIME  |
|----------------------------------|----------------------------------|------------------|-----------------|
| <b>RP-HPLC (USP &lt;621&gt;)</b> | <b>C18, 4.6 × 150 mm, 3.5 μm</b> | <b>UV 214 nm</b> | <b>8.02 min</b> |