

# MOTS-C

## HPLC report

### Sample Information

|                          |                                                              |                          |                     |
|--------------------------|--------------------------------------------------------------|--------------------------|---------------------|
| <b>Sample Name:</b>      | MOTS-C(20260815026) Purity                                   | <b>Vial Number:</b>      | 1-2                 |
| <b>Data File Name:</b>   | MOTS-C(20260815026)Purity.lcd                                | <b>Injection Volume:</b> | 10 uL               |
| <b>Method File Name:</b> | MOTS-C Related Substances (0.1% TFA Water; Acetonitrile).lcm | <b>Analysis Date:</b>    | 2026/08/15 12:08:27 |
| <b>Batch File Name:</b>  | Peptide Finished Product.lcb                                 | <b>Analyst:</b>          | Cici                |
| <b>Processed Date:</b>   | 2026/08/15 14:31:47                                          | <b>Processor:</b>        | Cici                |

### Chromatogram

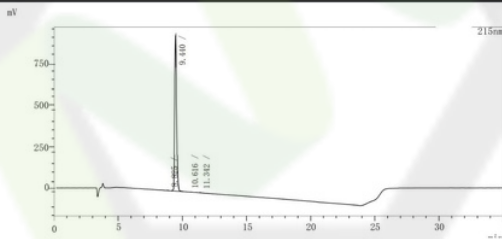


Figure 1: Chromatogram at Detector A 215nm

### Peak Table

#### Detector A 215nm

| Peak No.     | Retention Time | Area           | Height        | Area %         | Theoretical Plates (USP) | Resolution (USP) |
|--------------|----------------|----------------|---------------|----------------|--------------------------|------------------|
| 1            | 8.825          | 8417           | 1124          | 0.090          | 26705                    | --               |
| 2            | 9.440          | 9311790        | 922627        | 99.377         | 19461                    | 2.531            |
| 3            | 10.616         | 5238           | 637           | 0.256          | 35761                    | 4.747            |
| 4            | 11.342         | 16547          | 1770          | 0.277          | 30130                    | 2.989            |
| <b>Total</b> |                | <b>9341991</b> | <b>926158</b> | <b>100.000</b> |                          |                  |

Consistent with the main peak retention time of the standard chromatogram.

Inspector: Mark Williams

Reviewer: Stephen Litchfield