



Ozcanium Analytics  
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# Certificate of Analysis

## MOTS-C 10mg

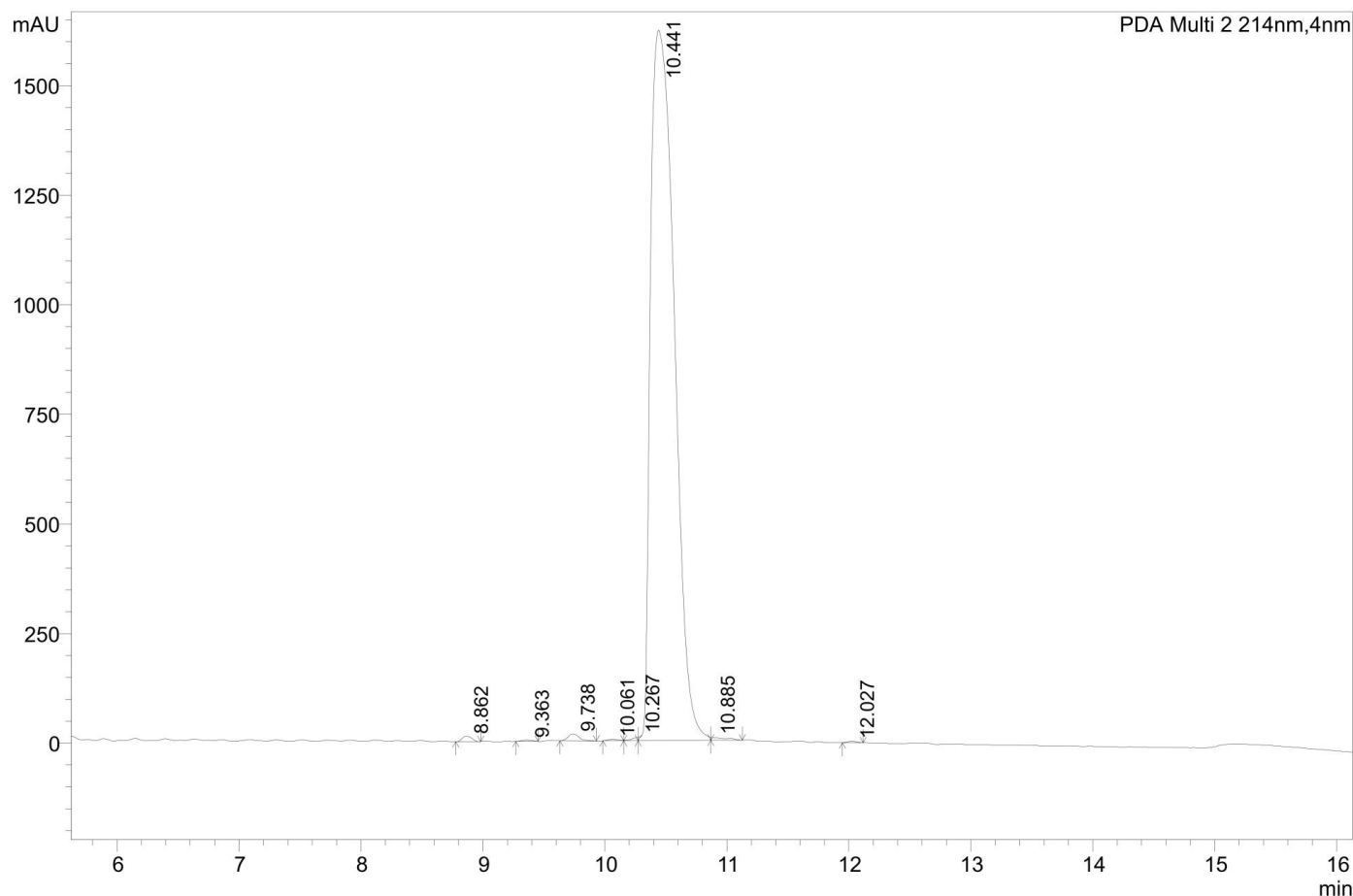


**Compound** : **MOTS-C**  
**Lot Number** : MOTSC-10-2607  
**Analysis date** : 05/08/2026  
**Method** : UPLC-MS/MS  
**Purity** : **98.63%**  
**Net Content** : 9.72mg

**CAS Number** : 1627580-64-6  
**PubChem CID** : 146675088  
**Client** : Dr Pepr Pty Ltd

**Verification Code** : OZ-HPLCMS-PD11

### Ultra Performance Liquid Chromatography (UPLC-UV) Chromatogram



#### PEAK LIST

Peaks Detected: 8

| # | Time (min) | Area     | %Area  |
|---|------------|----------|--------|
| 1 | 8.862      | 65986    | 0.297  |
| 2 | 9.363      | 18332    | 0.083  |
| 3 | 9.738      | 102158   | 0.460  |
| 4 | 10.061     | 19889    | 0.090  |
| 5 | 10.267     | 28639    | 0.129  |
| 6 | 10.441     | 21905810 | 98.630 |
| 7 | 10.885     | 53378    | 0.240  |
| 8 | 12.027     | 15851    | 0.071  |

**MOTS-C**

Analysis by Ibrahim A. Ozcan,  
Lead Chemist Ozcanium Analytics  
Signature

Report Compiled by Zein S. Sabini  
07/08/2026

Note: Sample may contain salts and sugars, as standard additives. These are not considered impurities and are not included in the peak list



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## Liquid Chromatography Mass Spectrometry (LC-MS) Identity Analysis

### Identity confirmation with SIM

Analysis date : 05/08/2026

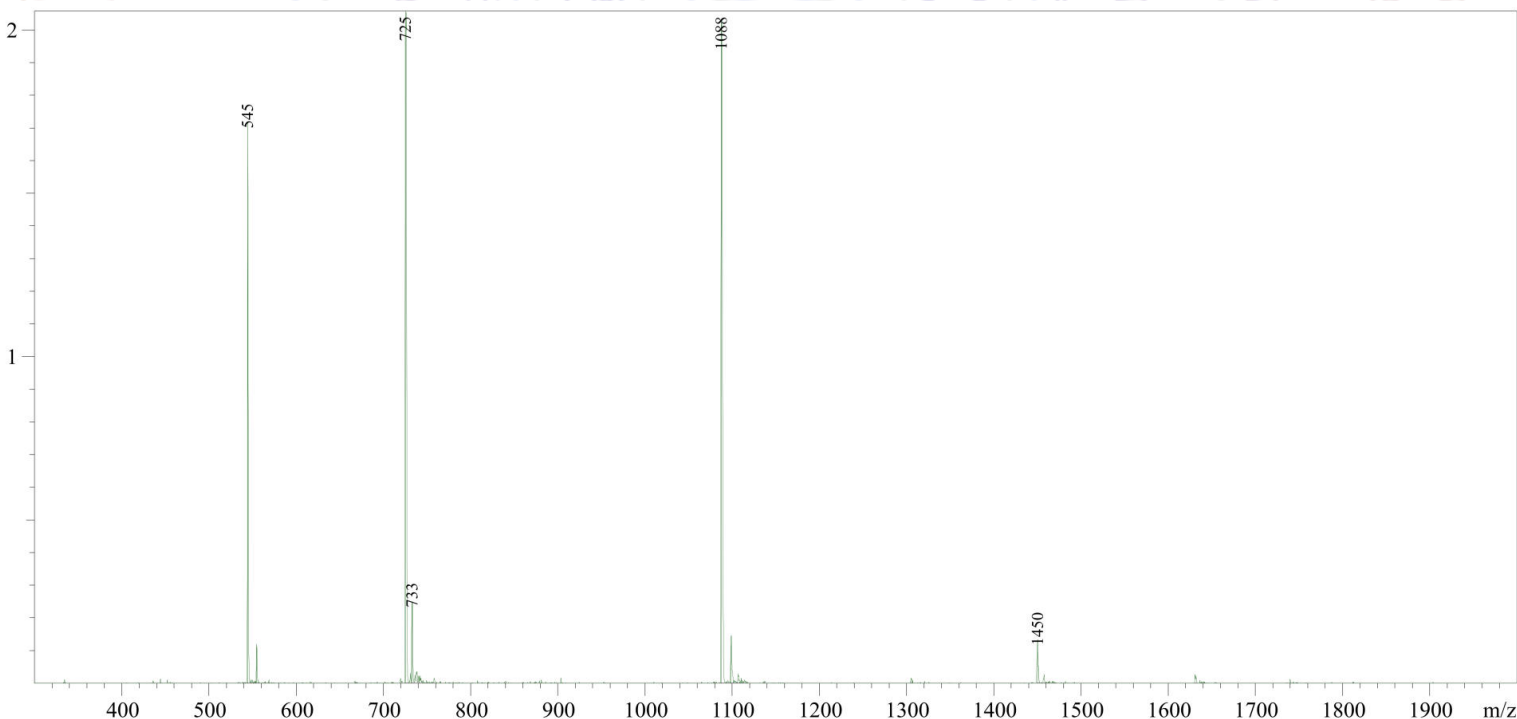
### Monitored Ion Channels (SIM):

| Monitored (m/z): | Detected (m/z): |
|------------------|-----------------|
| 544.5            | 544.8           |
| 725.7            | 725.3           |
| 1088.1           | 1088.0          |

Detection Assignment: **MOTS-C**

### Collected Mass Spectrum

Intensity  $10^7$



Note : Monoisotopic m/z values are not easily seen in full spectrum view for larger molecules and peptides.

The recorded fragmentation pattern may differ between systems, and vary based on method.

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