a56e229ae998ca64b4b9

# TEST REPORT

JANOSHIK

E-mail: info@janoshik.com
Web: www.janoshik.com

Task Number #193795

Testing ordered > 10 JUN '26

Sample received > 29 JUN '26

| | |
|---|---|
| Client | PerthBiotech |
| Sample | MOTS-c 40mg |
| Manufacturer | PerthBiotech |
| Batch | PerthBiotech peptide(Australia) 2026 |

## Sample description >

See picture or pictures attached.

## Tests requested >

Heavy Metals Analysis

## Results >

| | |
|---|---|
| As | not detected. |
| Cd | not detected. |
| Pb | not detected. |

## Comments >

Hg: not detected. Although the raw data show low ppm values for heavy metals, these do not necessarily indicate true detection. As shown in the attached graphs, the signals are consistent with electronic noise inherent to the detection system; therefore, the results were concluded as "not detected".

Analysis conducted > 07 JUL 2026

Signature >

Verify this test at www.janoshik.com/verify/ with the following unique key

PZLKNAPYIGZ1

# TEST REPORT

JANOSHIK

E-mail: info@janoshik.com
Web: www.janoshik.com

Task Number #193792

Testing ordered > 10 JUN '26

Sample received > 29 JUN '26

| | |
|---|---|
| Client | PerthBiotech |
| Sample | MOTS-c 40mg |
| Manufacturer | PerthBiotech |
| Batch | PerthBiotech peptide(Australia) 2026 |

Sample description >

See picture or pictures attached.

Tests requested >

MOTS-c analysis

Results >

| | |
|---|---|
| MOTS-C | 42.63 mg |
| Purity | 98.973% |
| | |

Comments >

Analysis conducted > 07 JUL 2026

Signature >

Verify this test at www.janoshik.com/verify/ with the following unique key

Q59KVXQD5GR6

# TEST REPORT

JANOSHIK

E-mail: info@janoshik.com
Web: www.janoshik.com

Task Number #193792

Testing ordered > 10 JUN '26
Sample received > 29 JUN '26

Client PerthBiotech
Sample MOTS-c 40mg
Manufacturer PerthBiotech
Batch PerthBiotech peptide(Australia) 2026

Sample description >

See picture or pictures attached.

Tests requested >

MOTS-c analysis

Results >

| | |
|---|---|
| MOTS-C | 42.63 mg |
| Purity | 98.973% |
| | |

Comments >

Analysis conducted > 07 JUL 2026

Signature >

Verify this test at www.janoshik.com/verify/ with the following unique key

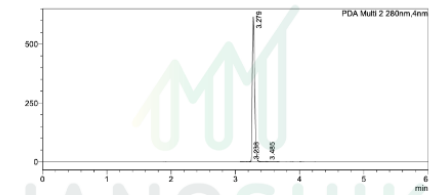
Q59KVXQD5GR6


SHIMADZU LabSolutions **Analysis Report**

**<Sample Information>**

| | | | |
|---|---|---|---|
| Sample Name | : 23614-6 MOTS-c 40mg +HM | | |
| Sample ID | : | | |
| Data Filename | : 23614-6 MOTS-c 40mg +HM_033.lcd | | |
| Method Filename | : 251007_ACN+H2O_Peptidy2_0.5.lcm | | |
| Batch Filename | : 20260703_1_SD+C.lcb | | |
| Vial # | : 3-28 | Sample Type | : Unknown |
| Injection Volume | : 0.5 uL | | |
| Date Acquired | : 03.07.2026 19:34:46 | Acquired by | : System Administrator |
| Date Processed | : 07.07.2026 11:54:17 | Processed by | : System Administrator |

**<Chromatogram>**




**<Peak Table>**

PDA Ch2 280nm

| Peak# | Ret. Time | Area | Conc. | Unit | Name | Area% |
|---|---|---|---|---|---|---|
| 1 | 3.238 | 7196 | 0.00 | | | 0.455 |
| 2 | 3.279 | 1566264 | 42.63 | mg | MOTS-C | 98.973 |
| 3 | 3.485 | 9063 | 0.00 | | | 0.573 |
| Total | | 1582523 | | | | 100.000 |

Sample : 23614-6
Operator: MB
Comment : Comment
Group : Hg_Pb_Cd
Date : 2026-07-03 13:39:01

Measurement Condition

Instrument: EDX-7000 Atmosphere: Air Collimator: 10(mm) Sample Cup:Polypropylene

| Analyte | TG kV | uA | FI | Acq.(keV) | Anal.(keV) | Time(sec) | DT(%) |
|---|---|---|---|---|---|---|---|
| Cd | Rh 50 | 673-Auto | #5 | 0 - 40 | 22.72-23.52 | Live- 51 | 30 |
| Hg | Rh 50 | 673-Auto | #5 | 0 - 40 | 9.74-10.24 | Live- 51 | 30 |
| Pb | Rh 50 | 673-Auto | #5 | 0 - 40 | 12.38-12.88 | Live- 51 | 30 |

Qualitative Result

Element: Cd, Hg, Pb

Peak List

| Channel | Line | keV | Net Int.(cps/uA) | |
|---|---|---|---|---|
| Cd | CdKa | 23.12 | 0.0020 | Q |
| Hg | HgLa | 9.98 | 0.0006 | Q |
| Pb | PbLb1 | 12.62 | 0.0040 | Q |

Quantitative Result

| Analyte | Result | | [3-sigma] | Proc.-Calc. | Line | Int.(cps/uA) |
|---|---|---|---|---|---|---|
| Cd | 4.6 ppm | L | [ 3.3] | Quan-EC | CdKa | 0.0020 |
| Hg | 0.4 ppm | L | [ 1.1] | Quan-EC | HgLa | 0.0006 |
| Pb | 4.2 ppm | L | [ 4.3] | Quan-EC | PbLb1 | 0.0040 |

Sample : 23614-6 Group : Hg_Pb_Cd Date : 2026-07-03 13:39:01
Operator: MB Comment : Comment 01/01