

Batch Verification

MOTS-C 20 MG

Independent laboratory documentation

LABORATORY

Janoshik

TESTING PERIOD

01 Jul - 14 Jul 2026

Original reports and raw data reproduced in full.

Verification summary

A consolidated overview of the attached independent laboratory reports. The original Janoshik documents and supporting raw data follow unchanged.

PRODUCT**MOTS-C 20 mg****BATCH****MS202607****LAB****Janoshik****IDENTITY****MOTS-C**

Task #198276

MEASURED CONTENT**19.84 mg**

02 Jul 2026

PURITY**99.434%**

HPLC area purity

ENDOTOXIN**14.790 EU/vial**

Task #198277 / 01 Jul 2026

MICROBIAL TESTING**TAMC PASS / TYMC PASS**

Task #198278 / 14 Jul 2026

HEAVY METALS**As, Cd, Hg and Pb: not detected**

Task #198279 / 01 Jul 2026

DOCUMENT ORDER

- | | |
|----------------------------------|-------------------------------------|
| 1 Purity report and chromatogram | 4 Heavy-metals report |
| 2 Endotoxin report | 5 Heavy-metals raw data and spectra |
| 3 Microbial testing report | |

Summary prepared by OPTide from the attached laboratory reports. Results apply only to the submitted sample identified as MS202607. No information on this page replaces the original laboratory documentation.

TEST REPORT



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

Task Number #198276

Testing ordered > 21 JUN '26

Sample received > 23 JUN '26

Client OPTide

Sample Mots-c

Manufacturer OPTide

Batch MS202607

Sample description >

See picture or pictures attached.

Tests requested >

MOTS-c analysis

Results >



MOTS-C	19.84 mg
Purity	99.434%

Comments >

Analysis conducted > 02 JUL 2026

Signature >

A handwritten signature in black ink, appearing to be 'Janoshik'.

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

A2LAY9Z55HL3



SHIMADZU

LabSolutions

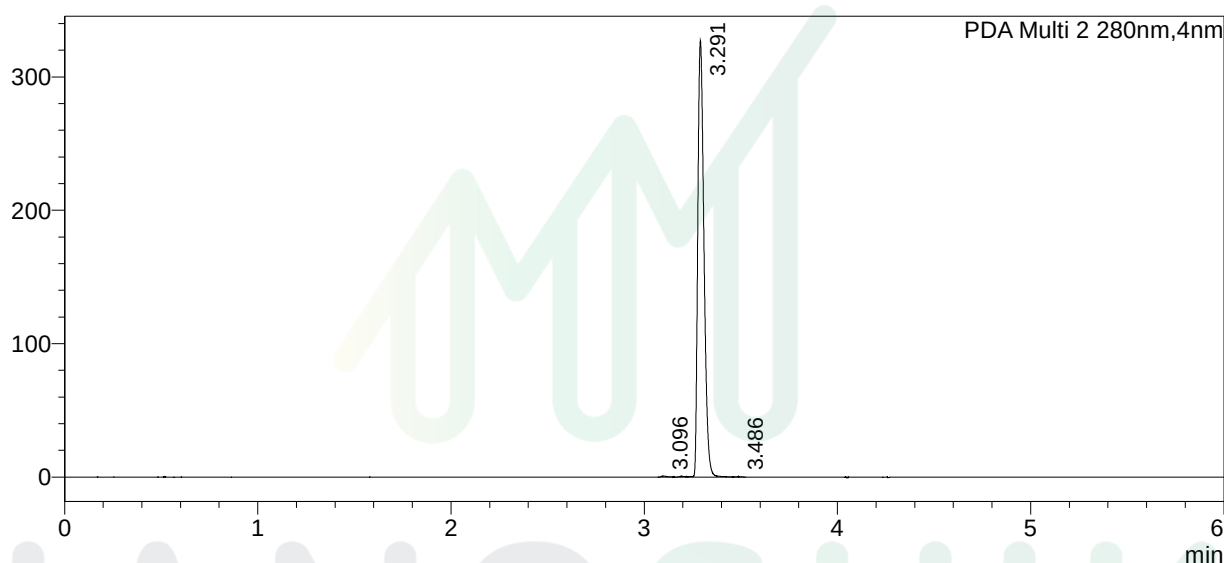
Analysis Report

<Sample Information>

Sample Name	: 24503-3 Mots-c		
Sample ID	:		
Data Filename	: 24503-3 Mots-c _027.lcd		
Method Filename	: 251007_ACN-H ₂ O_Peptidy2_0.5.lcm		
Batch Filename	: 20260701_2.lcb		
Vial #	: 3-8	Sample Type	: Unknown
Injection Volume	: 0.5 uL		
Date Acquired	: 01.07.2026 18:11:30	Acquired by	: System Administrator
Date Processed	: 01.07.2026 18:17:35	Processed by	: System Administrator

<Chromatogram>

mAU



<Peak Table>

PDA Ch2 280nm

Peak#	Ret. Time	Area	Conc.	Unit	Name	Area%
1	3.096	3517	0.00			0.480
2	3.291	728812	19.84	mg	MOTS-C	99.434
3	3.486	630	0.00			0.086
Total		732959				100.000

TEST REPORT



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Task Number #198277

Testing ordered > 21 JUN '26

Sample received > 23 JUN '26

Client OPTide

Sample Mots-c

Manufacturer OPTide

Batch MS202607

Sample description >

See picture or pictures attached.

Tests requested >

Endotoxin Analysis

Results >



Endotoxin	14.790 EU/Vial.

Comments >

Analysis conducted > 01 JUL 2026

Signature >

A handwritten signature in black ink, appearing to be 'Janoshik' or similar, located next to the 'Signature >' label.

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

F1UQK6QK7HCL

TEST REPORT



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

Task Number #198278

Testing ordered > 21 JUN '26

Sample received > 23 JUN '26

Client OPTide

Sample Mots-c

Manufacturer OPTide

Batch MS202607

Sample description >

See picture or pictures attached.

Tests requested >

Sterility Testing

Results >



TAMC	PASS
TYMC	PASS

Comments >

Analysis conducted > 14 JUL 2026

Signature >

A handwritten signature in black ink, appearing to be 'Janoshik'.

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

X7SLP7R5SYPV

TEST REPORT



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

Task Number #198279

Testing ordered > 21 JUN '26

Sample received > 23 JUN '26

Client OPTide

Sample Mots-c

Manufacturer OPTide

Batch MS202607

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 > 01 JUL 2026

Signature >

A handwritten signature in black ink, appearing to be 'Jano' or similar, located next to the 'Signature >' label.

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

SUDZ1SQD69VN

Sample : 24503-3
 Operator: MB
 Comment : Comment
 Group : Hg_Pb_Cd
 Date : 2026-07-01 14:36:01

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- 50	30
Hg	Rh 50	673-Auto	#5	0 - 40	9.74-10.24	Live- 50	30
Pb	Rh 50	673-Auto	#5	0 - 40	12.38-12.88	Live- 50	30

Qualitative Result

Element: Cd, Hg, Pb

Peak List

Channel	Line	keV	Net Int. (cps/uA)
Cd	CdKa	23.12	0.0003 Q
Hg	HgLa	9.98	0.0000 Q
Pb	PbLb1	12.62	0.0000 Q

Quantitative Result

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Int. (cps/uA)
Cd	3.7 ppm	L [3.3]	Quan-EC	CdKa	0.0003
Hg	0.2 ppm	L [1.2]	Quan-EC	HgLa	0.0000
Pb	2.8 ppm	L [4.4]	Quan-EC	PbLb1	0.0000

JANOSHIK

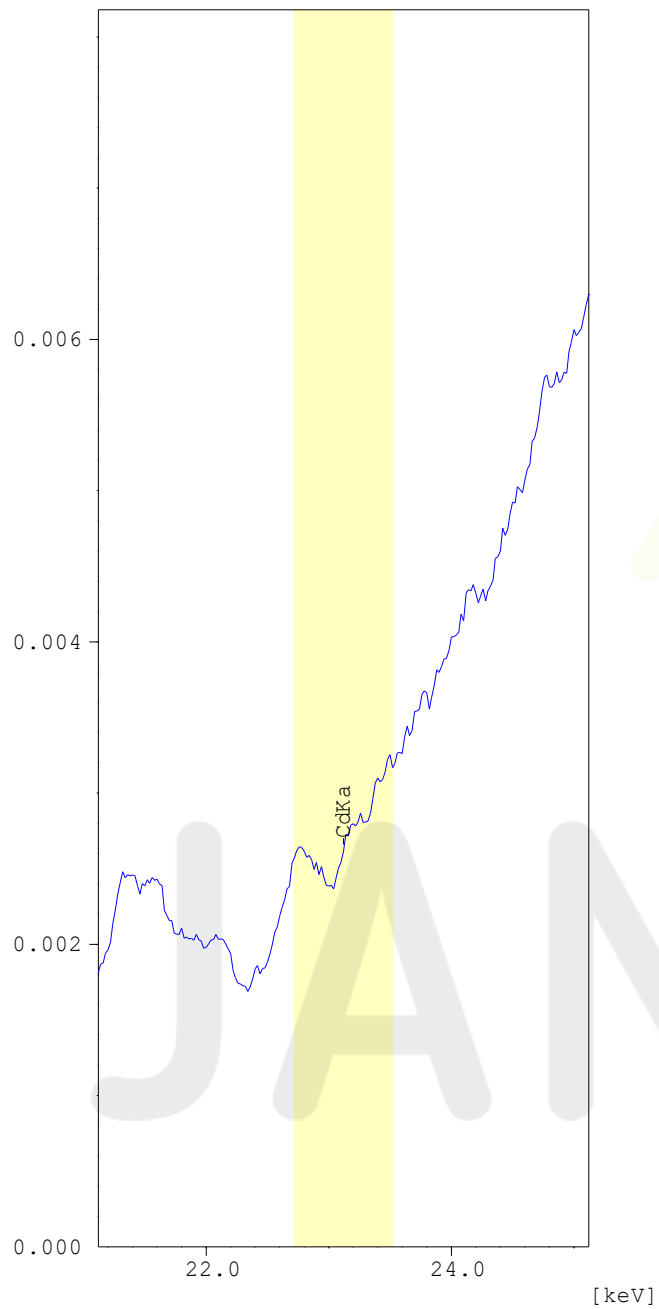
Sample : 24503-3
Operator: MB

Group : Hg_Pb_Cd
Comment : Comment

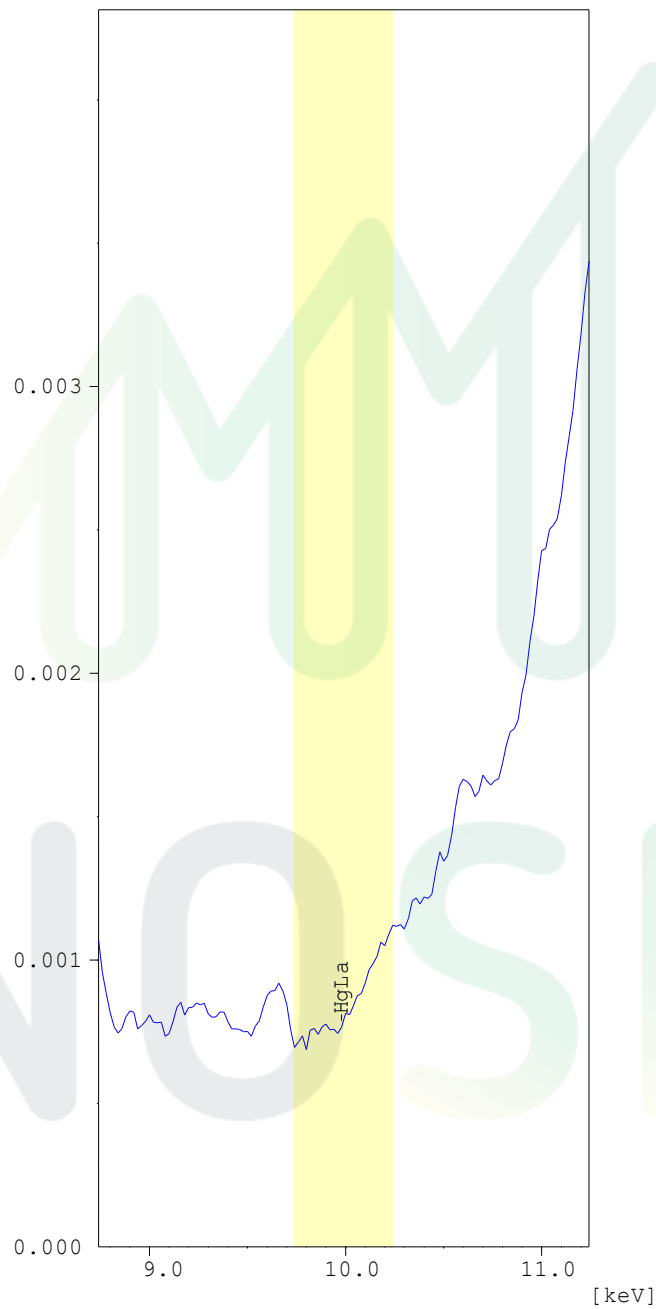
Date : 2026-07-01 14:35:01
01/01



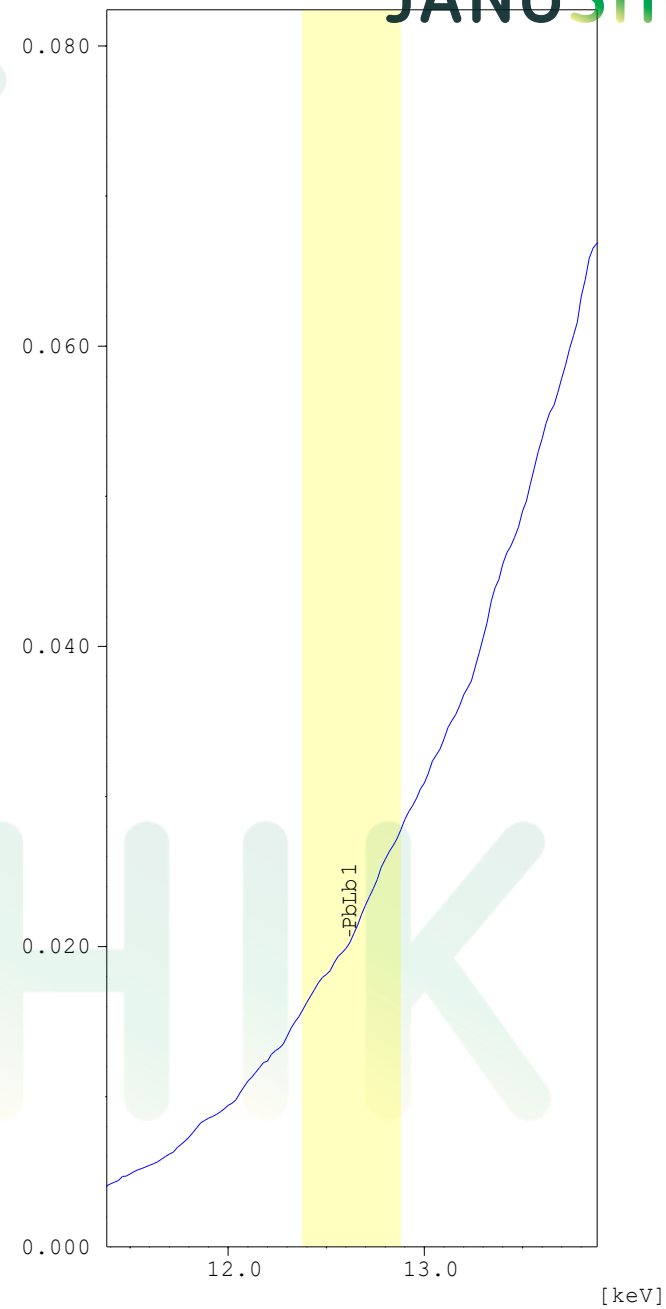
[cps/uA] Cd



[cps/uA] Hg



[cps/uA] Pb



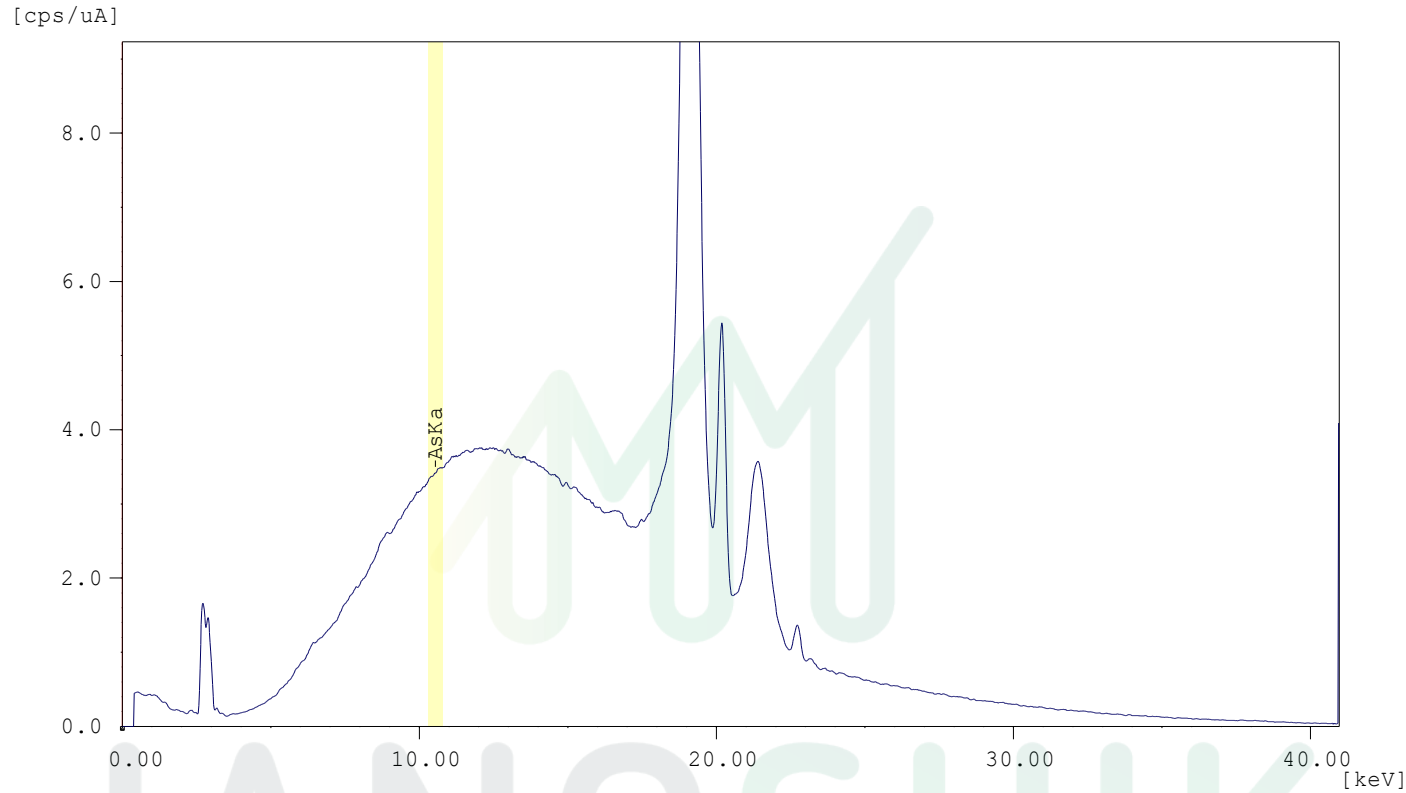
Sample : 24503-3
Operator: MB
Comment : Comment
Group : As_test
Date : 2026-07-01 14:57:07

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 (%)

As	Rh 50	18-Auto	----	0 - 40	10.30-10.80	Live- 75	30



Peak List

Channel	Line	keV	Net Int. (cps/uA)

As	AsKa	10.54	0.5017 Q

Quantitative Result

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Int. (cps/uA)
As	2.1 ppm	L [3.3]	Quan-EC	AsKa	0.5017