

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 >



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

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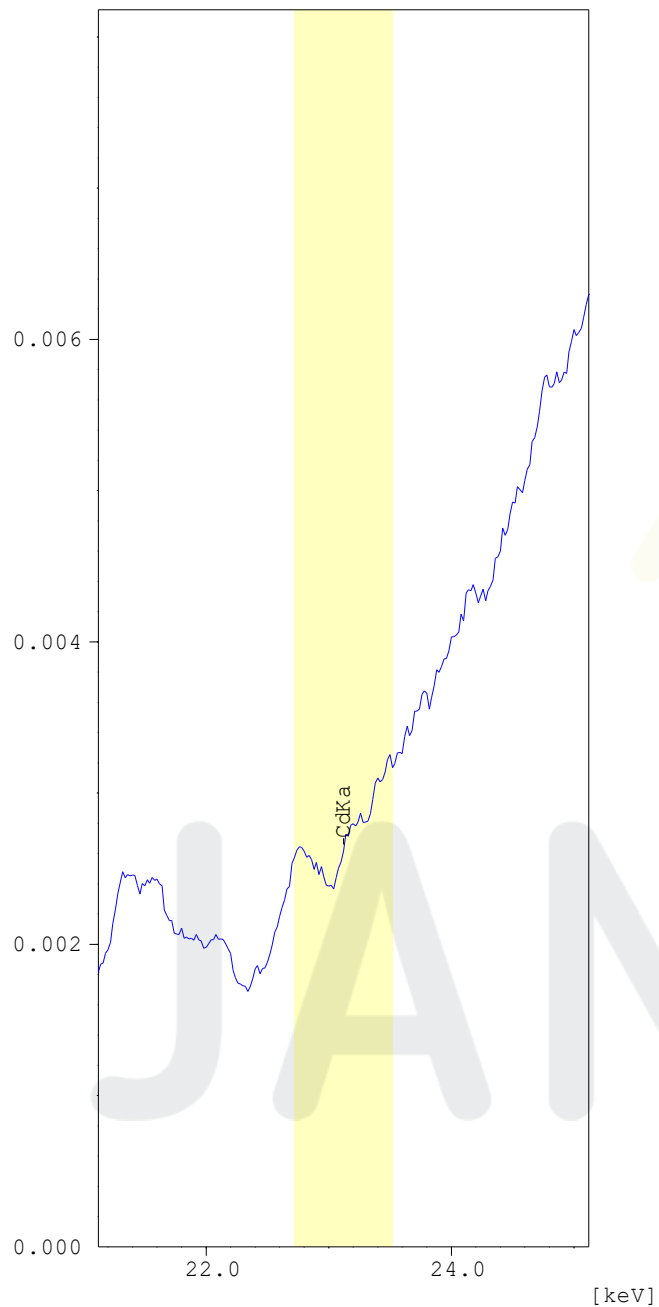
Sample : 24503-3
Operator: MB

Group : Hg_Pb_Cd
Comment : Comment

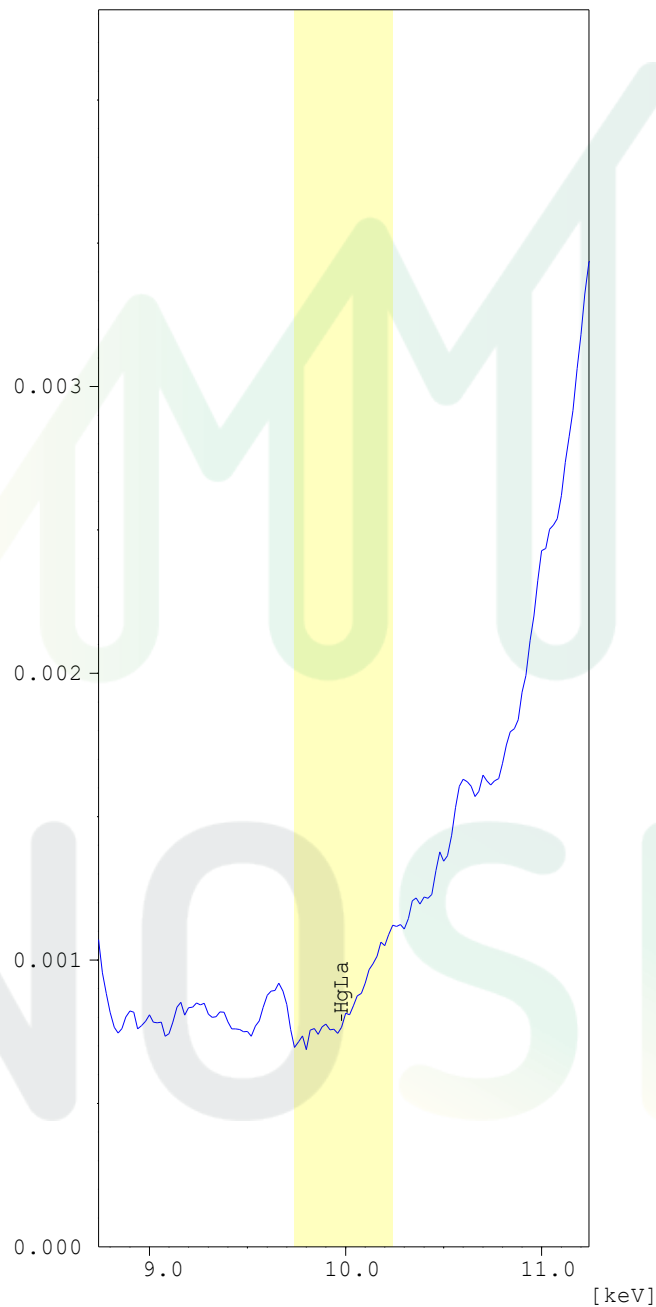
Date : 2026-07-01 14:35:01
01/01



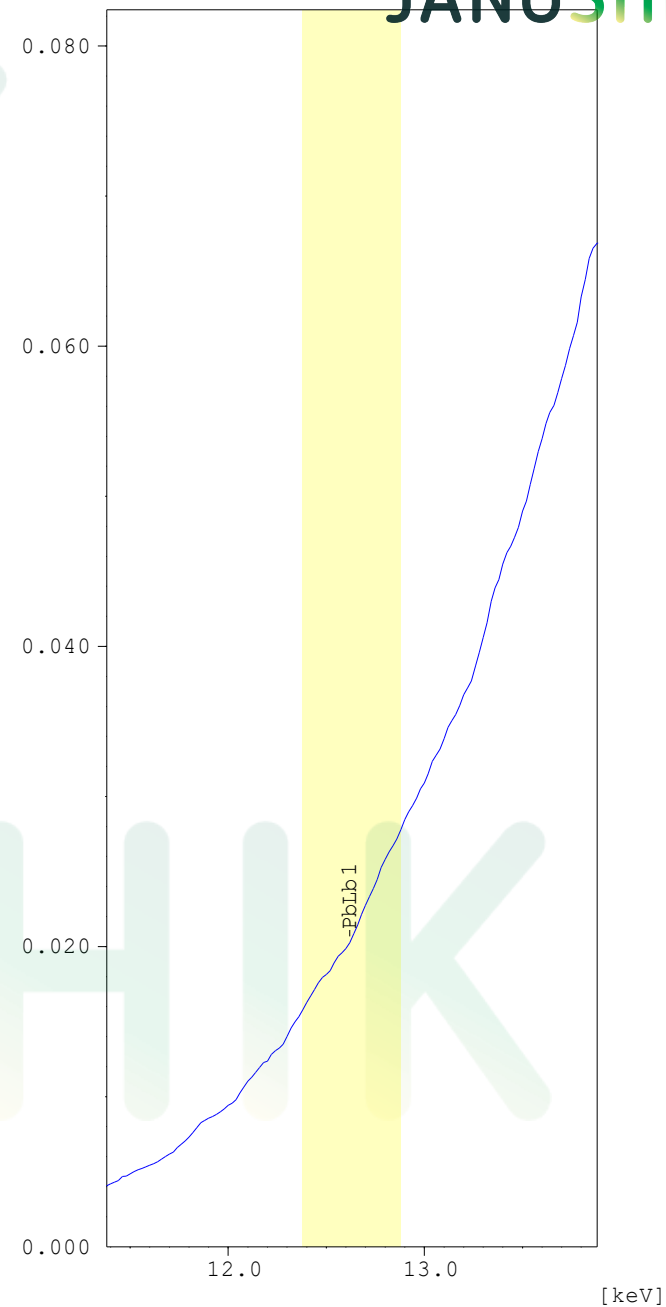
[cps/uA] Cd



[cps/uA] Hg



[cps/uA] Pb



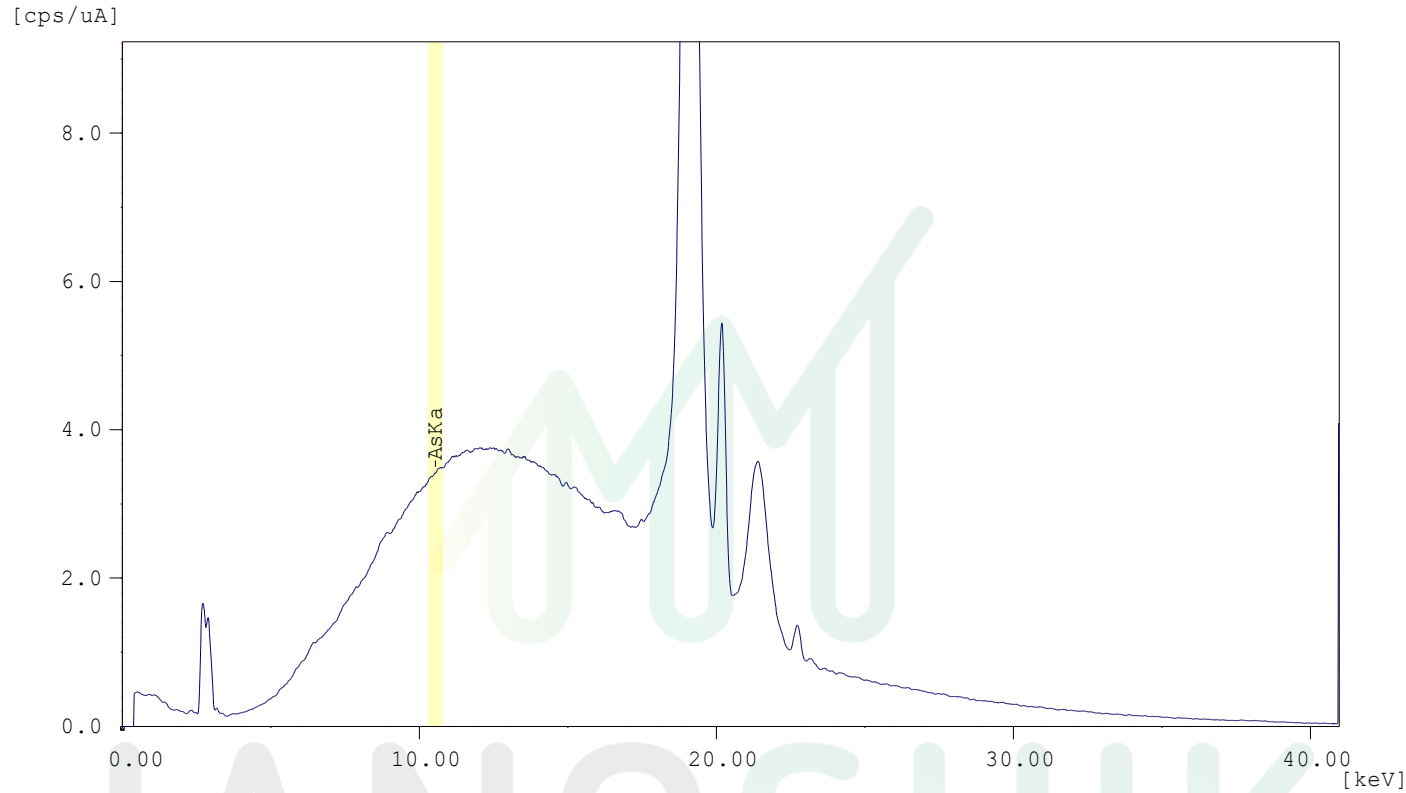
Sample : 24503-3
Operator: MB
Comment : Comment
Group : As_test
Date : 2026-07-01 14:57:07

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