

Sample : 6289-6
 Operator: D.B.
 Comment :
 Group : Janoshik EDX screen
 Date : 2025-04-25 08:56:30

Measurement Condition

Instrument: EDX-7000	Atmosphere: He	Collimator: 3 (mm)	Sample Cup: Mylar
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Analyte	TG kV	uA	FI	Acq. (keV)	Anal. (keV)	Time (sec)	DT (%)
Ti-U	Rh 50	118-Auto	----	0 - 40	4.00-35.00	Live- 60	30
Na-Sc	Rh 15	999-Auto	----	0 - 20	0.00- 4.40	Live- 60	19

Qualitative Result

Element: Rh, S, Zn, Br, Si

Peak List

Channel	Line	keV	Net Int. (cps/uA)
Ti-U	ZnKa	8.64	1.4442
	BrKa	11.94	0.5500
	RhKaC	19.10	27.0520
	RhKa	20.20	7.2487
	RhKbC	21.34	3.9916
	RhKb	22.74	0.8966
Na-Sc	RhLaESC	0.95	0.0402
	RhLb1ESC	1.09	0.0177
	SiKa	1.73	0.0247
	S Ka	2.37	0.0891
	RhLa	2.69	2.8072
	RhLb1	2.84	1.7882
	RhLb2	3.02	0.3001
	RhLg1	3.16	0.0668
	RhLg3	3.36	0.0378

Quantitative Result

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Int. (cps/uA)
S	38.016 %	[31.985]	Quan-FP	S Ka	0.0891
Si	34.567 %	[40.286]	Quan-FP	SiKa	0.0247
Zn	19.470 %	[11.828]	Quan-FP	ZnKa	1.4442
Br	7.947 %	[15.900]	Quan-FP	BrKa	0.5500