

Sample : 5414-16  
 Operator: D.B.  
 Comment :  
 Group : Janoshik EDX screen  
 Date : 2025-03-20 09:26:36

#### 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 , Si

#### Peak List

Channel	Line	keV	Net Int. (cps/uA)	
Ti-U	RhKaC	19.10	26.9779	
	RhKa	20.18	7.4062	
	RhKbC	21.44	4.0205	
	RhKb	22.74	1.0517	
Na-Sc	RhLaESC	0.95	0.0388	
	RhLb1ESC	1.09	0.0183	
	SiKa	1.75	0.0134	QF
	S Ka	2.36	0.0593	QF
	RhLa	2.70	2.8753	
	RhLb1	2.84	1.6782	
	RhLb2	3.02	0.3775	
	RhLg1	3.16	0.0629	
	RhLg3	3.36	0.0399	

#### Quantitative Result

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Int. (cps/uA)
S	65.844 %	[56.025]	Quan-FP	S Ka	0.0593
Si	34.156 %	[43.975]	Quan-FP	SiKa	0.0134