

Sample : 4031-2
Operator: pm
Comment :
Group : Janoshik EDX screen
Date : 2024-11-14 12:41:30

Measurement Condition

Instrument: EDX-7000	Atmosphere: He	Collimator: 3(mm)	Sample Cup: Mylar				
Analyte	TG kV	uA	FI	Acq. (keV)	Anal. (keV)	Time(sec)	DT(%)
Ti-U	Rh 50	124-Auto	----	0 - 40	4.00-35.00	Live- 60	30
Na-Sc	Rh 15	999-Auto	----	0 - 20	0.00- 4.40	Live- 60	18

Qualitative Result

Element: Rh, S , Zn, Si

Peak List

Channel	Line	keV	Net Int. (cps/uA)	
Ti-U	ZnKa	8.64	0.8028	QF
	RhKaC	19.10	26.2559	
	RhKa	20.20	7.1975	
	RhKbC	21.38	3.9064	
	RhKb	22.70	0.9976	
Na-Sc	RhLaESC	0.95	0.0360	
	RhLb1ESC	1.09	0.0190	
	SiKa	1.73	0.0222	QF
	S Ka	2.31	0.2524	QF
	RhLa	2.70	3.1874	
	RhLb1	2.84	1.5903	
	RhLb2	3.02	0.2261	
	RhLg1	3.16	0.0610	
	RhLg3	3.37	0.0484	

Quantitative Result

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Int. (cps/uA)
S	71.436 %	[1.413]	Quan-FP	S Ka	0.2524
Si	18.852 %	[2.593]	Quan-FP	SiKa	0.0222
Zn	9.712 %	[1.670]	Quan-FP	ZnKa	0.8028