

Sample : 3569-2  
Operator: pm  
Comment :  
Group : Janoshik EDX screen  
Date : 2024-11-14 12:45:02

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, P , S , Zn, Si

Peak List

Channel	Line	keV	Net Int. (cps/uA)	
Ti-U	ZnKa	8.66	0.7734	QF
	RhKaC	19.10	25.8814	
	RhKa	20.20	7.4865	
	RhKbC	21.38	3.9533	
	RhKb	22.72	1.0039	
Na-Sc	RhLaESC	0.95	0.0438	
	RhLb1ESC	1.08	0.0202	
	SiKa	1.74	0.0092	QF
	P Ka	2.01	0.0562	QF
	S Ka	2.36	0.0642	QF
	RhLa	2.69	3.5743	
	RhLb1	2.84	1.6968	
	RhLb2	3.03	0.3582	
	RhLg1	3.14	0.0444	
	RhLg3	3.36	0.0388	

Quantitative Result

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Int. (cps/uA)
P	40.870 %	[31.867]	Quan-FP	P Ka	0.0562
S	35.338 %	[31.286]	Quan-FP	S Ka	0.0642
Zn	12.469 %	[12.186]	Quan-FP	ZnKa	0.7734
Si	11.324 %	[24.661]	Quan-FP	SiKa	0.0092