

Sample : 465
 Operator:
 Comment : 6ch Air-Metal
 Group : 4_Detail
 Date : 2026-09-25 20:45:09

Measurement Condition

 Instrument: EDX-7200 Atmosphere: Air Collimator: 10 (mm)

Analyte	TG kV	uA	FI	Acq. (keV)	Anal. (keV)	Time(sec)	DT(%)
Ti-U	Rh 50	79-Auto	----	0 - 40	4.00-35.00	Live- 60	30
Na-Sc	Rh 15	1000-Auto	----	0 - 20	0.00- 4.40	Live- 60	29
S-Ca	Rh 15	1000-Auto	#2	0 - 20	2.10- 4.10	Live- 60	18
Cr-Fe	Rh 50	104-Auto	#3	0 - 40	5.00- 7.00	Live- 60	30
Zn-As,Pb	Rh 50	748-Auto	#4	0 - 40	8.50-14.50	Live- 60	29
Ru-Sb	Rh 50	1000-Auto	#1	0 - 40	18.50-28.00	Live- 60	18

Qualitative Result

 Element: Al, Rb, Si, Pb, S , Rh, K , Sb, Ti, Cr, Mn, Fe, Cu, Zn, As, Sr, Ag
 In, Eu, Ar, Cs, --, Th, Ba, Zr, Nb, Re, Cl

Peak List

Channel	Line	keV	Net Int. (cps/uA)	
Ti-U	SbLb2	4.10	7.9167	
	SbLg1	4.36	2.8862	
	TiKa	4.56	4.5452	QF
	TiKb	4.90	0.5757	
	CrKa	5.42	0.8193	
	MnKa	5.90	5.8105	
	CrKb	5.94	0.1229	
	FeKa	6.40	296.9372	
	MnKb	6.50	0.8716	
	FeKb	7.06	47.4910	
	CuKa	8.04	5.4022	QF
	ZnKa	8.64	11.0062	
	CuKb	8.96	0.8956	
	PbLL	9.24	0.9510	
	ZnKb	9.56	1.8382	
	PbLa	10.54	13.0661	
	AsKa	10.54	20.2018	
	AsKb	11.72	4.0441	
	PbLb1	12.64	9.9302	
	RbKa	13.38	4.7137	
	SrKa	14.16	8.7325	
	PbLg1	14.78	2.1591	
	RbKb	14.96	0.8013	
	PbLg2	15.00	1.2678	
	SrKb	15.78	6.7382	
	----	18.34	1.4076	
	RhKaC	19.14	37.0712	
	RhKa	20.18	55.2743	
	RhKbC	21.46	8.3891	
	AgKa	22.10	1.6857	QF
	RhKb	22.70	8.7391	
	RhKb2	23.16	0.9113	
	InKa	24.16	1.8337	
	SbKaESC	24.54	1.4803	
	SbKa	26.34	370.8570	
	SbKb	29.72	81.6172	
	SbKb2	30.40	16.1533	
	----	32.76	1.6863	
Na-Sc	S KaESC	0.57	0.0417	
	CuLa	0.96	0.0408	
	EuMa	1.09	0.0214	
	----	1.22	0.0387	
	AlKa	1.49	0.7169	QF
	SiKa	1.74	11.9953	QF

	S Ka	2.31	9.0288	
	S Kb	2.49	0.5275	
	RhLa	2.70	3.3779	
	RhLb1	2.84	1.9022	
	ArKa	2.96	3.4094	
	K Ka	3.32	8.2021	
	SbLa	3.61	19.4364	
	K Kb	3.61	2.1887	
	SbLb1	3.86	12.4163	
	SbLb2	4.10	3.2945	
	SbLg1	4.35	0.5038	
	CsLa	4.35	0.5113	qf

S-Ca	----	2.10	0.0286	
	S Ka	2.31	0.9085	QF
	S Kb	2.49	0.0776	
	ArKa	2.96	0.8024	QF
	K Ka	3.32	3.0822	QF
	K Kb	3.59	0.4231	
	SbLa	3.61	10.3588	
	SbLb1	3.85	6.8648	
	SbLb2	4.10	1.5922	

Cr-Fe	CrKa	5.42	0.2839	QF
	MnKa	5.90	2.2464	QF
	FeKa	6.40	135.4299	QF
	MnKb	6.50	0.3724	

Zn-As,Pb	ZnKa	8.64	0.7035	QF
	CuKb	8.92	0.0494	
	PbLL	9.22	0.0895	
	ZnKb	9.58	0.1083	
	PbLa	10.54	1.9032	
	AsKa	10.54	1.5477	
	PbLn	11.34	0.0189	
	AsKb	11.74	0.4067	QF
	PbLb4	12.26	0.0605	
	PbLb1	12.62	1.4471	QF
	ThLa	13.00	0.0676	QF
	RbKa	13.38	0.7106	QF
	SrKa	14.16	1.4846	QF

Ru-Sb	----	23.62	0.0627	
	SbKaESC	24.30	0.2208	
	InKa	24.30	0.1721	QF
	----	24.60	0.1482	
	----	25.48	0.0517	
	SbKa	26.34	59.4974	QF

Quantitative Result

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Int. (cps/uA)

Si	38.420 %	[0.135]	Quan-FP	SiKa	11.9953
Sb	31.092 %	[0.049]	Quan-FP	SbKa	59.4974
Al	10.606 %	[0.144]	Quan-FP	AlKa	0.7169
S	7.743 %	[0.097]	Quan-FP	S Ka	0.9085
Fe	6.904 %	[0.023]	Quan-FP	FeKa	135.4299
K	3.489 %	[0.023]	Quan-FP	K Ka	3.0822
Cs	0.474 %	[0.019]	Quan-FP	CsLa	0.5113
Ti	0.337 %	[0.010]	Quan-FP	TiKa	4.5452
Mn	0.177 %	[0.004]	Quan-FP	MnKa	2.2464
Pb	0.174 %	[0.002]	Quan-FP	PbLb1	1.4471
As	0.168 %	[0.003]	Quan-FP	AsKb	0.4067
Zn	0.138 %	[0.002]	Quan-FP	ZnKa	0.7035
Cu	0.073 %	[0.002]	Quan-FP	CuKa	5.4022
In	0.068 %	[0.005]	Quan-FP	InKa	0.1721
Sr	0.046 %	[0.000]	Quan-FP	SrKa	1.4846
Cr	0.034 %	[0.004]	Quan-FP	CrKa	0.2839
Rb	0.026 %	[0.000]	Quan-FP	RbKa	0.7106
Ag	0.025 %	[0.003]	Quan-FP	AgKa	1.6857
Th	0.004 %	[0.000]	Quan-FP	ThLa	0.0676