

Sample : 466
 Operator:
 Comment : 6ch Air-Metal
 Group : 4_Detail
 Date : 2026-09-25 21:15:56

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	85-Auto	----	0 - 40	4.00-35.00	Live- 60	30
Na-Sc	Rh 15	984-Auto	----	0 - 20	0.00- 4.40	Live- 60	30
S-Ca	Rh 15	1000-Auto	#2	0 - 20	2.10- 4.10	Live- 60	19
Cr-Fe	Rh 50	113-Auto	#3	0 - 40	5.00- 7.00	Live- 60	29
Zn-As,Pb	Rh 50	823-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	13

Qualitative Result

 Element: Al, Rb, Si, Pb, S , Rh, K , Sb, Ti, Cr, Mn, Fe, Cu, Zn, As, Hg, Sr
 Zr, In, Ba, Ar, Cs, Os, P , Y , Nb, Ag, Th, V , Sn

Peak List

Channel	Line	keV	Net Int. (cps/uA)	
Ti-U	SbLb2	4.10	7.6627	
	SbLg1	4.36	1.9562	
	TiKa	4.52	4.3022	QF
	TiKb	4.86	0.5449	
	CrKa	5.42	0.9604	
	MnKa	5.90	7.6947	
	CrKb	5.94	0.1441	
	FeKa	6.40	403.8103	
	MnKb	6.50	1.1542	
	FeKb	7.06	64.9889	
	CuKa	8.04	7.1798	QF
	ZnKa	8.64	11.6097	
	CuKb	8.96	1.1903	
	PbLL	9.24	0.8584	
	ZnKb	9.56	2.1226	
	PbLa	10.54	7.0741	
	AsKa	10.54	17.3581	
	AsKb	11.74	2.7773	
	HgLb1	11.74	0.7721	
	PbLb1	12.62	5.3763	
	RbKa	13.40	5.9200	
	SrKa	14.14	11.8929	
	RbKb	14.98	1.5862	
	SrKb	15.76	2.1635	
	ZrKa	15.76	7.3126	QF
	RhKaC	19.14	45.6244	
	RhKa	20.18	51.2648	
	RhKbC	21.34	8.5719	
	RhKb	22.72	8.5074	
	RhKb2	23.16	1.2258	
	InKa	24.08	1.8867	QF
	SbKa	26.34	212.7565	
	SbKb	29.70	46.7561	
	SbKb2	30.38	9.2428	
	BaKa1	32.22	1.0230	
	----	32.72	1.4449	
Na-Sc	CrLa	0.57	0.0275	
	CuLa	0.95	0.0441	
	----	1.08	0.0209	
	----	1.21	0.0370	
	AlKa	1.49	0.7583	QF
	SiKa	1.74	13.2847	QF
	S Ka	2.31	5.9979	
	S Kb	2.49	0.3084	

	RhLa	2.70	3.3182	
	RhLb1	2.84	1.8513	
	ArKa	2.96	3.3907	
	K Ka	3.32	8.7719	
	SbLa	3.61	13.4182	
	K Kb	3.61	2.2207	
	SbLb1	3.86	8.0892	
	SbLb2	4.10	2.3424	
	SbLg1	4.35	0.3928	
	CsLa	4.35	0.3797	qf

S-Ca	----	2.10	0.0200	
	S Ka	2.31	0.5652	QF
	S Kb	2.49	0.0435	
	ArKa	2.96	0.8122	QF
	K Ka	3.32	3.2969	QF
	SbLa	3.61	7.0977	
	K Kb	3.61	0.4568	
	SbLb1	3.86	3.9248	
	SbLb2	4.10	0.9846	

Cr-Fe	CrKa	5.42	0.3297	QF
	MnKa	5.90	2.8857	QF
	CrKb	5.94	0.0497	
	FeKa	6.40	181.4464	QF
	MnKb	6.50	0.4784	

Zn-As,Pb	ZnKa	8.64	0.7427	QF
	CuKb	8.92	0.0667	
	PbLL	9.24	0.0779	
	ZnKb	9.58	0.1179	
	PbLa	10.54	0.9702	
	AsKa	10.54	1.5812	
	AsKb	11.74	0.3459	QF
	PbLb4	12.26	0.0297	
	PbLb1	12.62	0.7377	QF
	ThLa	13.02	0.0361	QF
	RbKa	13.38	0.8539	QF
	SrKa	14.14	1.9977	QF

Ru-Sb	SbKaESC	24.32	0.1396	
	----	24.60	0.0941	
	SbKa	26.34	33.1972	QF

Quantitative Result

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

Si	49.872 %	[0.168]	Quan-FP	SiKa	13.2847
Sb	15.710 %	[0.033]	Quan-FP	SbKa	33.1972
Al	12.016 %	[0.159]	Quan-FP	AlKa	0.7583
Fe	9.379 %	[0.025]	Quan-FP	FeKa	181.4464
S	6.562 %	[0.103]	Quan-FP	S Ka	0.5652
K	4.774 %	[0.031]	Quan-FP	K Ka	3.2969
Cs	0.381 %	[0.020]	Quan-FP	CsLa	0.3797
Ti	0.326 %	[0.010]	Quan-FP	TiKa	4.3022
Mn	0.230 %	[0.004]	Quan-FP	MnKa	2.8857
Zn	0.160 %	[0.002]	Quan-FP	ZnKa	0.7427
As	0.155 %	[0.003]	Quan-FP	AsKb	0.3459
Cu	0.107 %	[0.002]	Quan-FP	CuKa	7.1798
Pb	0.097 %	[0.001]	Quan-FP	PbLb1	0.7377
Sr	0.067 %	[0.001]	Quan-FP	SrKa	1.9977
In	0.053 %	[0.006]	Quan-FP	InKa	1.8867
Cr	0.039 %	[0.004]	Quan-FP	CrKa	0.3297
Zr	0.036 %	[0.001]	Quan-FP	ZrKa	7.3126
Rb	0.034 %	[0.000]	Quan-FP	RbKa	0.8539
Th	0.002 %	[0.000]	Quan-FP	ThLa	0.0361