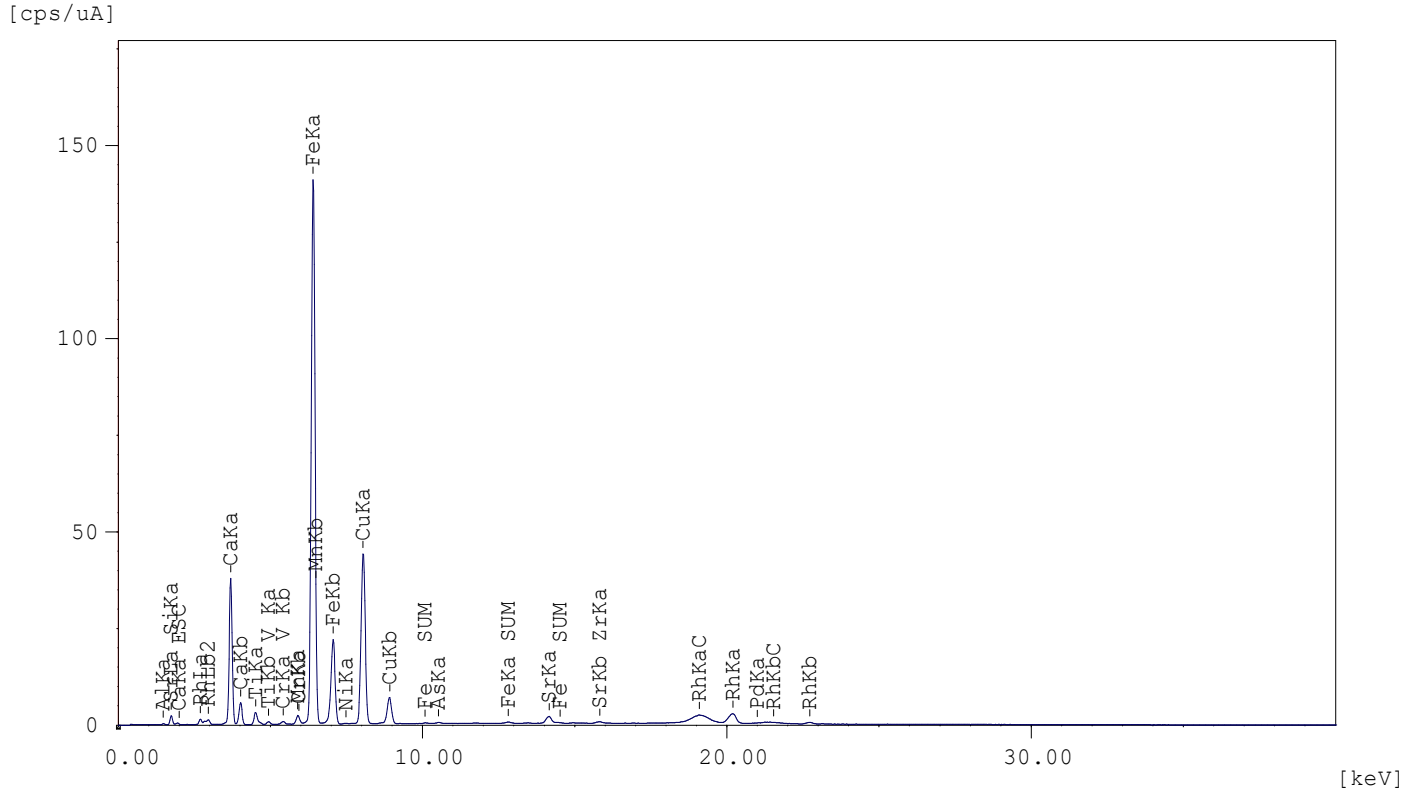
Sample : Cu Ore
Operator:
Comment : 12357 Inam
Group : powder_Elements
Date : 2026-07-29 09:23:19

Measurement Condition

Instrument: EDX-7000	Atmosphere: Air	Collimator: 10(mm)	Sample Cup:Polypropylene

Analyte	TG kV	uA	FI	Acq.(keV)	Anal.(keV)	Time(sec)	DT(%)
Na-U	Rh 50	24-Auto	----	0 - 40	0.00-40.00	Live- 60	30



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Peak List

Channel	Line	keV	Net Int.(cps/uA)	
Na-U	AlKa	1.48	1.1217	qf
	SrLa	1.74	0.2246	
	SiKa	1.74	11.0499	qf
	CaKaESC	2.00	1.3140	
	RhLa	2.70	8.1622	
	RhLb2	2.96	7.3976	
	CaKa	3.70	218.5345	qf
	CaKb	4.02	30.9070	
	TiKa	4.52	20.6003	QF
	TiKb	4.94	2.7258	
	V Ka	4.94	1.9086	QF
	CrKa	5.42	4.6139	QF
	V Kb	5.42	0.2953	
	MnKa	5.90	15.2803	QF
	CrKb	5.94	0.7649	
	FeKa	6.40	1042.5721	QF
	MnKb	6.50	2.5333	
	FeKb	7.06	164.8546	
	NiKa	7.48	0.9983	QF
	CuKa	8.04	355.4907	QF
	CuKb	8.92	55.0025	
	Fe SUM	10.08	2.0098	

Sample : Cu Ore
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AsKa	10.52	2.6534	
FeKaSUM	12.82	3.6845	
SrKa	14.16	19.2200	QF
Fe SUM	14.52	2.1165	
SrKb	15.82	3.4960	
ZrKa	15.82	1.6229	QF
RhKaC	19.10	23.3288	
RhKa	20.20	29.6976	
PdKa	21.00	3.7459	QF
RhKbC	21.54	5.9452	
RhKb	22.72	5.2996	

Quantitative Result

Analyte	Result	[3-sigma]	Proc.-Calc.	Line	Int.(cps/uA)
Si	33.818 %	[0.793]	Quan-FP	SiKa	11.0499
Ca	21.304 %	[0.115]	Quan-FP	CaKa	218.5345
Fe	20.534 %	[0.051]	Quan-FP	FeKa	1042.5721
Al	16.120 %	[2.311]	Quan-FP	AlKa	1.1217
Cu	6.079 %	[0.026]	Quan-FP	CuKa	355.4907
Ti	1.283 %	[0.021]	Quan-FP	TiKa	20.6003
Mn	0.392 %	[0.007]	Quan-FP	MnKa	15.2803
Cr	0.142 %	[0.009]	Quan-FP	CrKa	4.6139
Sr	0.134 %	[0.002]	Quan-FP	SrKa	19.2200
V	0.082 %	[0.011]	Quan-FP	V Ka	1.9086
Pd	0.081 %	[0.010]	Quan-FP	PdKa	3.7459
Ni	0.020 %	[0.006]	Quan-FP	NiKa	0.9983
Zr	0.010 %	[0.003]	Quan-FP	ZrKa	1.6229