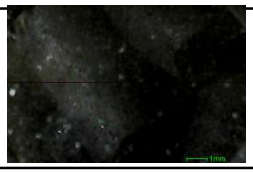
EDX Report

Report No.

Sample Information

Sample Name	SDG-9
Meas.Date	2025/06/23 05:07:20
Comment	6ch He-Metal_C balance
Group	4_Detail_C Balance
Operator	

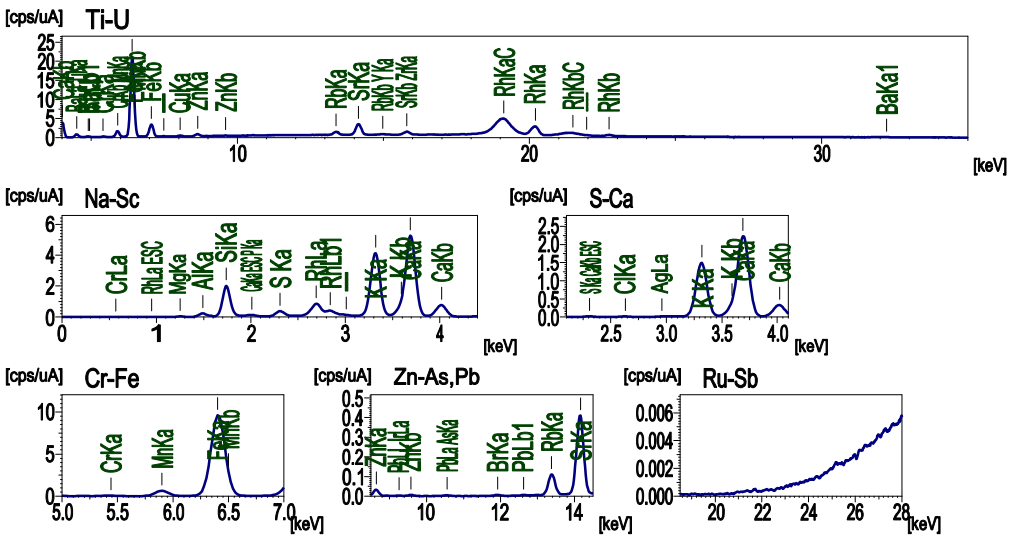


Measurement Conditon

Collimator 10mm Atmos, He

Channel	kV	uA	Filter	Acq.	Analysis	Time	DT%
Ti-U	50	40-Auto	----	0 - 40	4.00-35.00	Live- 60	31
Na-Sc	15	260-Auto	----	0 - 20	0.00- 4.40	Live- 60	31
S-Ca	15	569-Auto	#2	0 - 20	2.10- 4.10	Live- 60	29
Cr-Fe	50	63-Auto	#3	0 - 40	5.00- 7.00	Live- 60	30
Zn-As,Pb	50	498-Auto	#4	0 - 40	8.50-14.50	Live- 60	30
Ru-Sb	50	1000-Auto	#1	0 - 40	18.50-28.00	Live- 60	9

Quantitative Result

Analyte	Result		Std.Dev	Calc.Proc	Line	Intensity
Si	1.861	%	[0.010]	Quan-FP	SiKa	19.2391
Ca	1.453	%	[0.004]	Quan-FP	CaKa	26.6446
K	1.392	%	[0.005]	Quan-FP	K Ka	17.1435
Al	0.638	%	[0.010]	Quan-FP	AlKa	2.1386
Mg	0.286	%	[0.020]	Quan-FP	MgKa	0.2203
Fe	0.216	%	[0.001]	Quan-FP	FeKa	72.3903
S	0.089	%	[0.003]	Quan-FP	S Ka	0.1373
Cl	0.035	%	[0.002]	Quan-FP	ClKa	0.1213
P	0.025	%	[0.002]	Quan-FP	P Ka	0.4562
Mn	0.020	%	[0.000]	Quan-FP	MnKa	4.4232
Ti	0.020	%	[0.000]	Quan-FP	TiKa	4.3542
Ba	0.015	%	[0.002]	Quan-FP	BaLa	1.1163
Sr	0.009	%	[0.000]	Quan-FP	SrKa	4.5057
Zn	0.003	%	[0.000]	Quan-FP	ZnKa	0.2709
Rb	0.003	%	[0.000]	Quan-FP	RbKa	1.1198
Cr	0.002	%	[0.000]	Quan-FP	CrKa	0.2947
Cu	0.001	%	[0.000]	Quan-FP	CuKa	1.8161
Zr	0.001	%	[0.000]	Quan-FP	ZrKa	3.9181
Ir	0.000	%	[0.000]	Quan-FP	IrLa	0.0179
Y	0.000	%	[0.000]	Quan-FP	Y Ka	0.6034
Br	0.000	%	[0.000]	Quan-FP	BrKa	0.0476
Pb	0.000	%	[0.000]	Quan-FP	PbLb1	0.0199
C	93.930	%	[------]	Balance	--------	--------

Profile