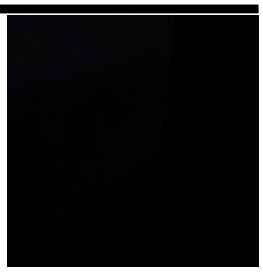
Analyzed result

Sample Information

Sample name	Bentonit_[1]_12.02.25
File name	Bentonit_[1]_12.02.25
Application	Bentonit_2025
Date	12.02.2025 15:41
Analyzed by	Sherzodbek_Mirzayev
Counts	1
Comment	



Meas. cond.

Diaphragm DE-10mm Atmosphere Air Sample spin None Meas. order optimization Yes

Condition name	Primary filter	Tube voltage(kV)	Tube current(μA)	ST(μsec)	Meas. time(sec)	Dead time(%)
High-Z	F	60,0	200	1,6	100	4,3
Mid-Z	C	35,0	342	1,6	100	28,0
Low-Z	Open	6,5	494	1,6	100	37,3

Analyzed result(FP method)

No.	Component	Result	Unit	LLD	LLQ	Element line	Intensity(cps/μA)
1	Na	ND	mass%				
2	P	0,118	mass%	0,0047	0,0140	L:P-Kα	0,28736
3	K	4,29	mass%	0,0311	0,0933	M:K-Kα	0,89610
4	Ni	0,0042	mass%	0,0005	0,0014	M:Ni-Kα	0,04941
5	Cu	0,0064	mass%	0,0003	0,0010	M:Cu-Kα	0,10301
6	Zn	0,0099	mass%	0,0002	0,0007	M:Zn-Kα	0,23309
7	Cl	0,140	mass%	0,0019	0,0058	L:Cl-Kα	2,08365
8	Al2O3	21,7	mass%	0,0591	0,177	L:Al-Kα	4,03744
9	SiO2	64,4	mass%	0,0153	0,0460	L:Si-Kα	36,91722
10	Fe2O3	7,52	mass%	0,0012	0,0037	M:Fe-Kα	33,19182
11	CaO	0,502	mass%	0,0314	0,0942	M:Ca-Kα	0,12103
12	MgO	ND	mass%				
13	SO3	0,506	mass%	0,0056	0,0169	L:S-Kα	1,57018
14	Ti	0,676	mass%	0,0060	0,0179	M:Ti-Kα	0,68517
15	Co	0,0129	mass%	0,0028	0,0085	M:Co-Kα	0,12548
16	Mn	0,0418	mass%	0,0018	0,0053	M:Mn-Kα	0,16211
17	Br	ND	mass%	<0.0001	0,0002	M:Br-Kα	0,00009
18	I	ND	mass%				

Spectrum