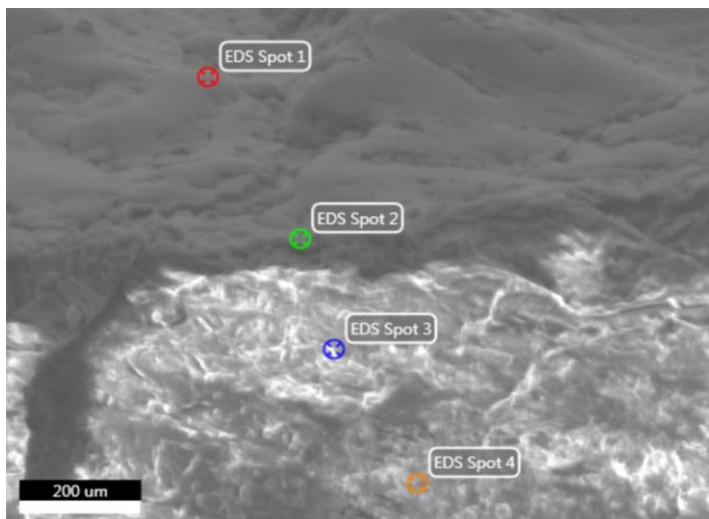


phy

Author: sk
Creation: 5/18/2020
Sample Name: s1

Area 822

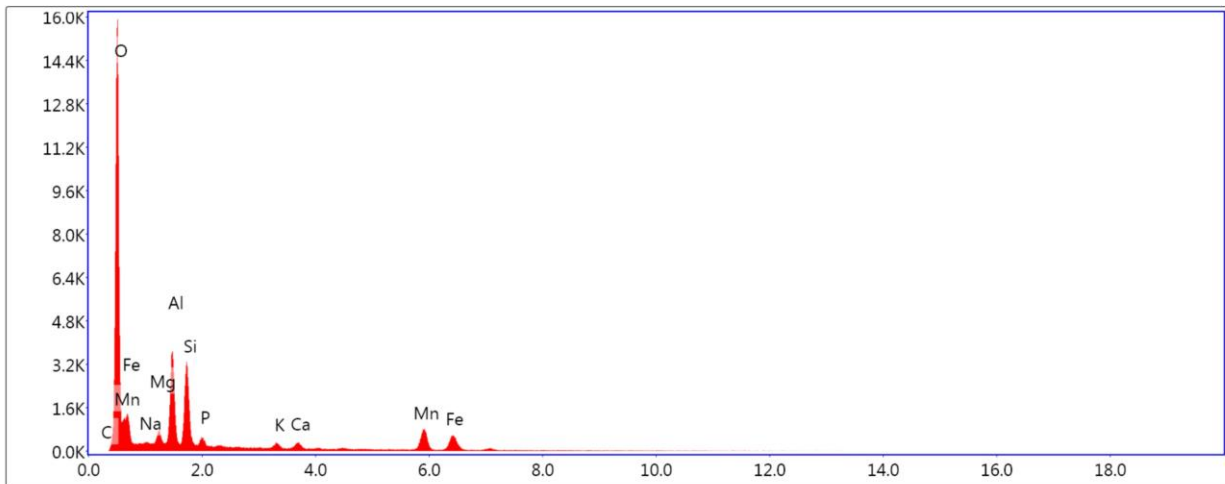


Notes:

EDS Spot 1

kV: 20 Mag: 60 Takeoff: 76 Live Time(s): 50 Amp Time(μs): 1.92 Resolution:(eV)134.9

EDS Spot 1



Lsec: 50.0 0 Cnts 0.000 keV Det: Octane Plus Det

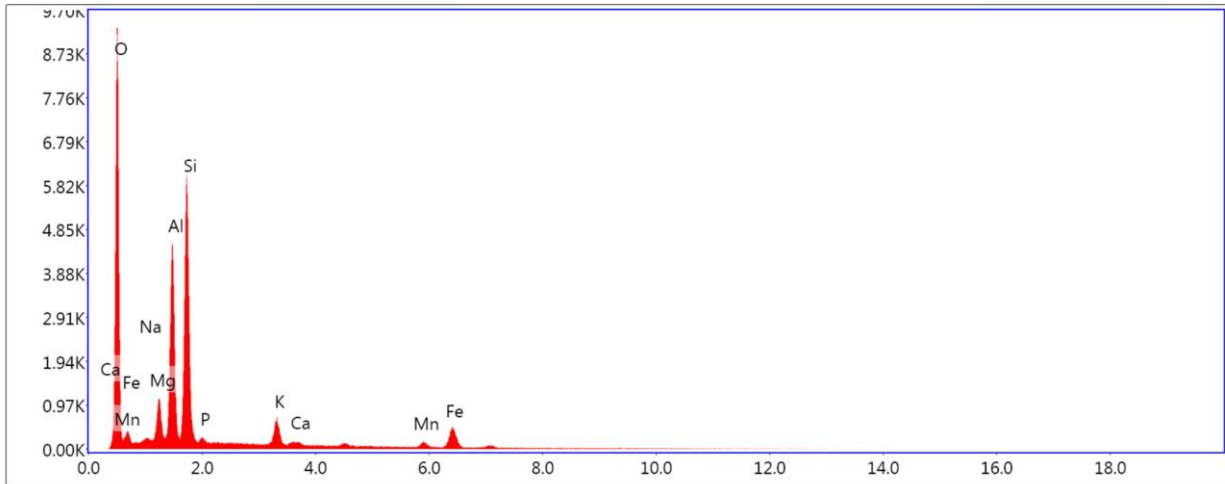
eZAF Smart Quant Results

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	R	A	F
C K	0.00	0.01	0.02	99.99	0.0000	1.0967	0.9526	0.1962	1.0000
O K	63.76	78.14	2250.63	6.11	0.3418	1.0506	0.9741	0.5103	1.0000
NaK	2.01	1.71	52.61	12.50	0.0055	0.9552	1.0001	0.2863	1.0037
MgK	2.13	1.72	106.67	9.12	0.0088	0.9717	1.0077	0.4240	1.0062
AlK	9.84	7.15	628.60	6.19	0.0517	0.9359	1.0147	0.5581	1.0064
SiK	8.16	5.70	570.68	5.70	0.0481	0.9566	1.0214	0.6126	1.0055
P K	1.23	0.78	74.59	7.31	0.0075	0.9189	1.0276	0.6648	1.0080
K K	0.72	0.36	45.74	9.11	0.0062	0.8874	1.0494	0.9342	1.0382
CaK	0.97	0.48	53.99	11.39	0.0088	0.9036	1.0540	0.9589	1.0488
MnK	6.73	2.40	206.68	3.50	0.0577	0.7936	1.0717	1.0082	1.0704
FeK	4.45	1.56	119.71	4.66	0.0386	0.8060	1.0738	1.0093	1.0655

EDS Spot 2

kV: 20 Mag: 60 Takeoff: 76 Live Time(s): 50 Amp Time(μs): 1.92 Resolution:(eV)134.9

EDS Spot 2



Lsec: 50.0 0 Cnts 0.000 keV Det: Octane Plus Det

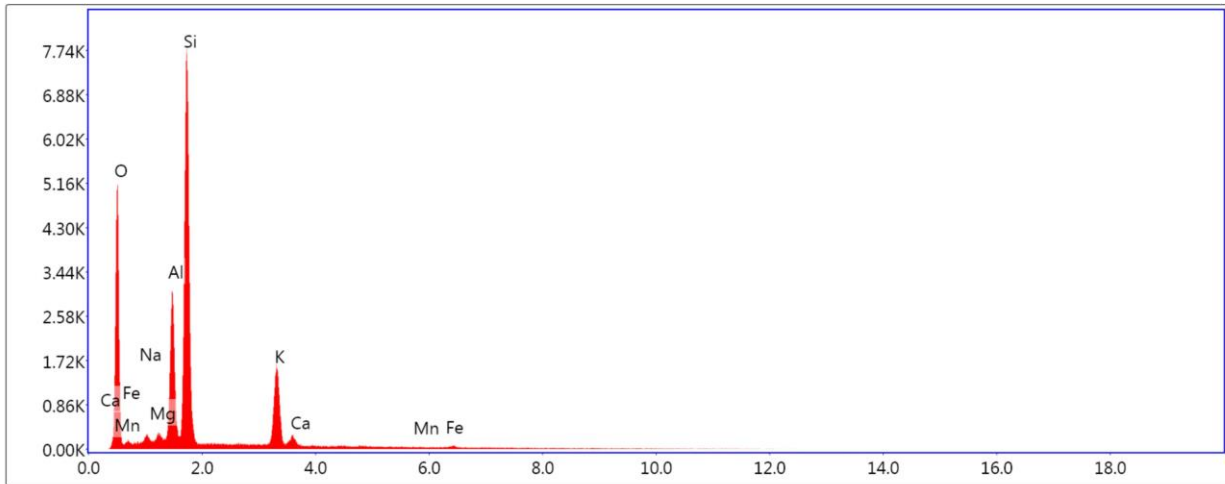
eZAF Smart Quant Results

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	R	A	F
C K	0.01	0.01	0.02	99.99	0.0000	1.0987	0.9515	0.1541	1.0000
O K	55.71	70.30	1293.32	7.34	0.2330	1.0526	0.9732	0.3973	1.0000
NaK	0.29	0.26	7.43	47.11	0.0009	0.9570	0.9993	0.3296	1.0054
MgK	3.26	2.71	159.04	7.95	0.0156	0.9736	1.0068	0.4878	1.0091
AlK	13.17	9.85	777.24	5.52	0.0759	0.9377	1.0139	0.6089	1.0090
SiK	17.61	12.66	1058.13	5.29	0.1058	0.9584	1.0206	0.6238	1.0043
P K	0.54	0.35	25.08	20.17	0.0030	0.9207	1.0269	0.6061	1.0066
K K	2.52	1.30	129.44	5.41	0.0209	0.8890	1.0487	0.9094	1.0248
CaK	0.47	0.24	21.03	17.54	0.0041	0.9053	1.0533	0.9314	1.0326
MnK	1.19	0.44	31.19	9.69	0.0103	0.7949	1.0712	1.0013	1.0917
FeK	5.24	1.89	119.67	4.44	0.0457	0.8073	1.0733	1.0050	1.0758

EDS Spot 3

kV: 20 Mag: 60 Takeoff: 76 Live Time(s): 50 Amp Time(μs): 1.92 Resolution:(eV)134.9

EDS Spot 3



Lsec: 50.0 0 Cnts 0.000 keV Det: Octane Plus Det

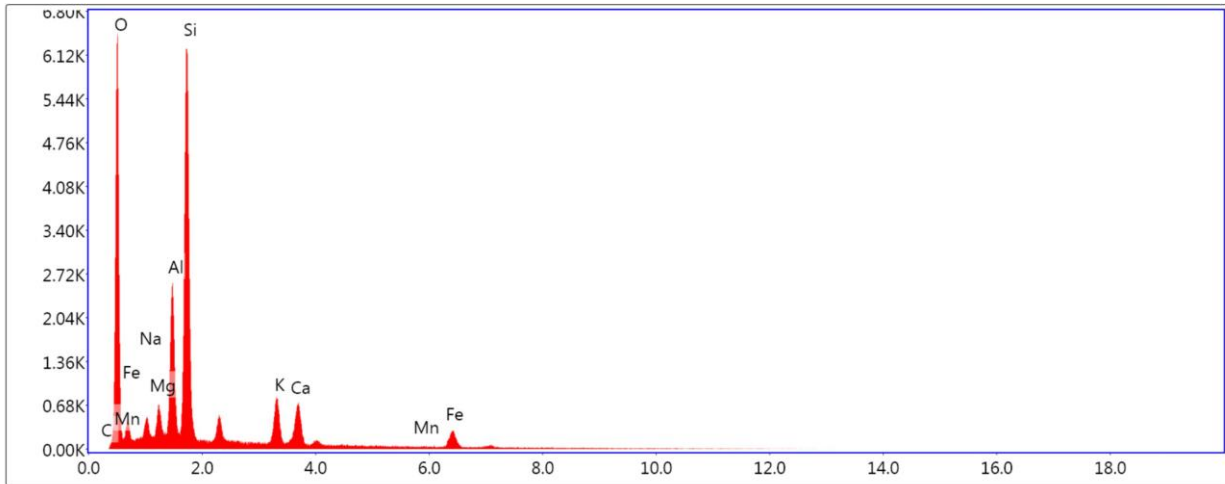
eZAF Smart Quant Results

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	R	A	F
C K	0.01	0.01	0.02	99.99	0.0000	1.0979	0.9516	0.1464	1.0000
O K	52.40	66.99	706.32	8.60	0.1605	1.0518	0.9732	0.2912	1.0000
NaK	0.83	0.74	18.55	17.63	0.0029	0.9562	0.9993	0.3639	1.0064
MgK	0.58	0.49	24.21	14.59	0.0030	0.9727	1.0069	0.5236	1.0119
AlK	10.00	7.58	518.04	5.18	0.0638	0.9368	1.0139	0.6713	1.0147
SiK	26.19	19.08	1388.72	4.47	0.1751	0.9575	1.0206	0.6946	1.0048
K K	8.91	4.66	357.64	3.20	0.0727	0.8881	1.0487	0.9053	1.0150
CaK	0.36	0.18	12.15	27.28	0.0030	0.9043	1.0534	0.8998	1.0191
MnK	0.18	0.07	3.58	58.36	0.0015	0.7940	1.0712	0.9920	1.0779
FeK	0.55	0.20	10.05	25.17	0.0048	0.8064	1.0733	0.9979	1.0925

EDS Spot 4

kV: 20 Mag: 60 Takeoff: 76 Live Time(s): 50 Amp Time(μs): 1.92 Resolution:(eV)134.9

EDS Spot 4



Lsec: 50.0 0 Cnts 0.000 keV Det: Octane Plus Det

eZAF Smart Quant Results

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	R	A	F
C K	0.01	0.01	0.02	99.99	0.0000	1.0978	0.9509	0.1602	1.0000
O K	54.41	69.10	887.20	8.23	0.1846	1.0518	0.9726	0.3226	1.0000
NaK	2.68	2.37	60.66	11.16	0.0087	0.9563	0.9987	0.3374	1.0051
MgK	2.21	1.84	91.20	8.72	0.0103	0.9728	1.0063	0.4779	1.0090
AlK	8.47	6.38	433.68	5.84	0.0489	0.9370	1.0134	0.6093	1.0114
SiK	20.59	14.90	1136.82	4.86	0.1313	0.9577	1.0201	0.6623	1.0048
K K	3.67	1.91	164.80	4.37	0.0307	0.8883	1.0483	0.9142	1.0289
CaK	4.12	2.09	158.31	4.07	0.0355	0.9046	1.0530	0.9298	1.0242
MnK	0.16	0.06	3.50	59.29	0.0013	0.7943	1.0708	0.9951	1.0844
FeK	3.69	1.34	72.69	5.68	0.0321	0.8067	1.0730	1.0003	1.0792