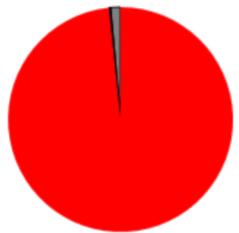
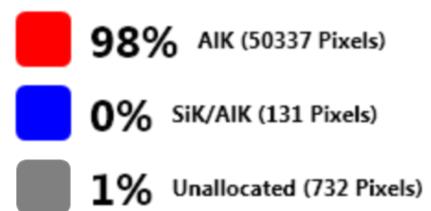
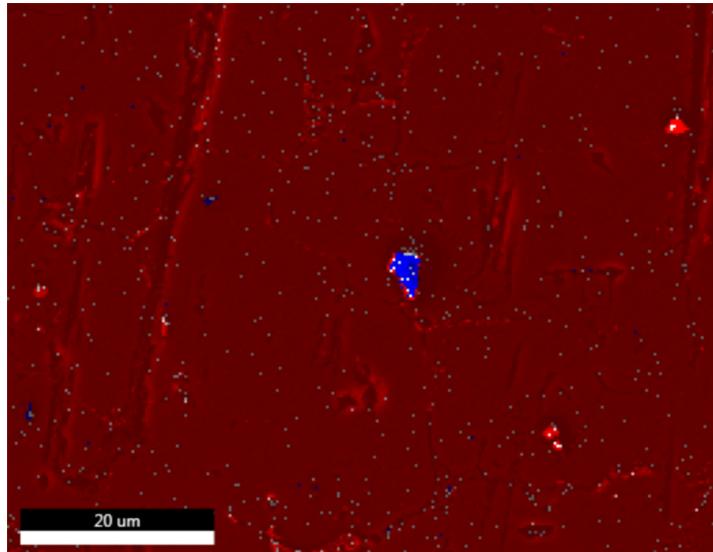


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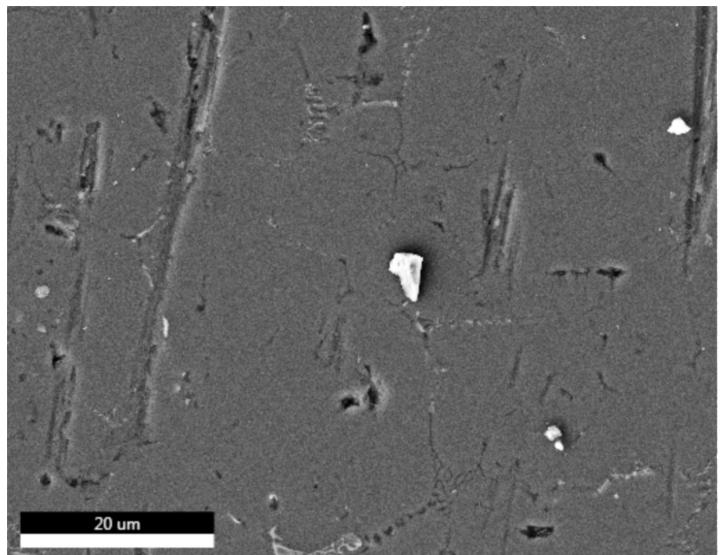
Author: eds
Creation: 09/30/2020 12:29:14 PM
Sample Name: New Sample

Area 2

Live Map 1

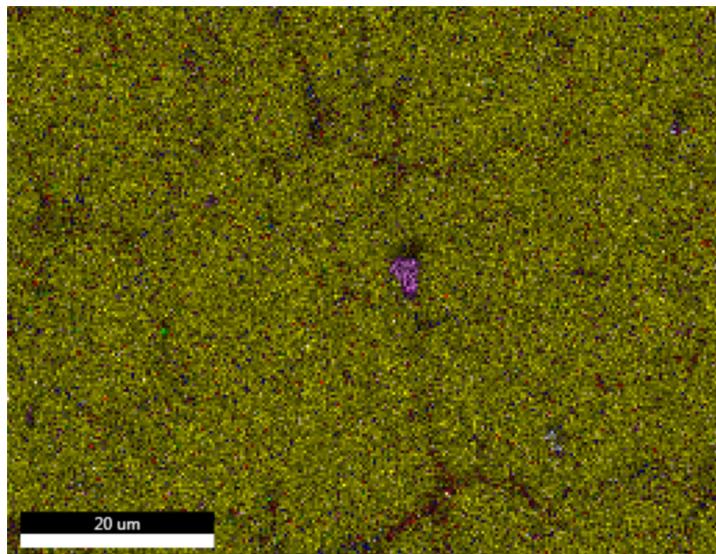


Notes:



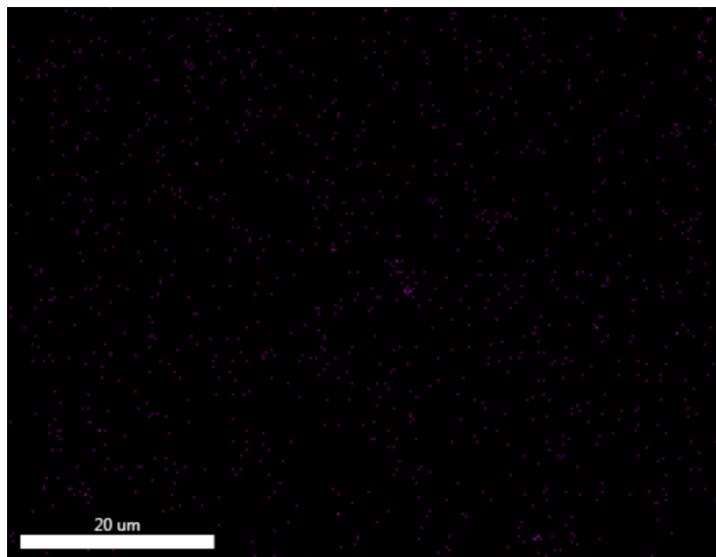
Image

ElementOverlay

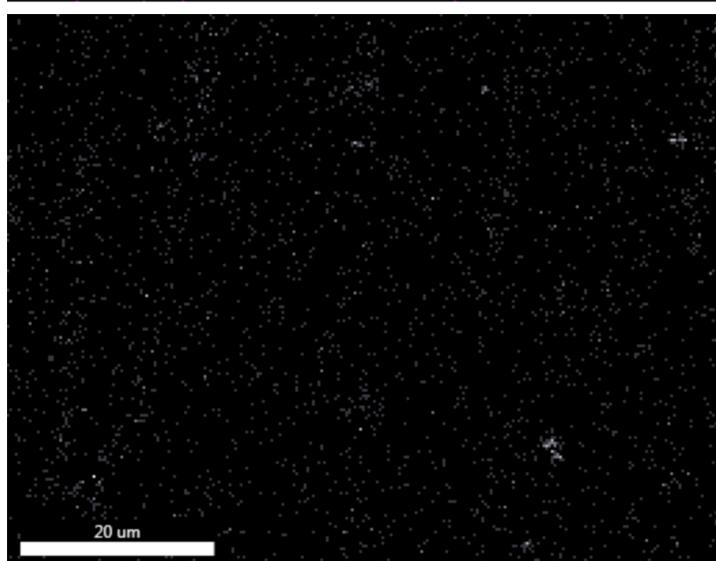


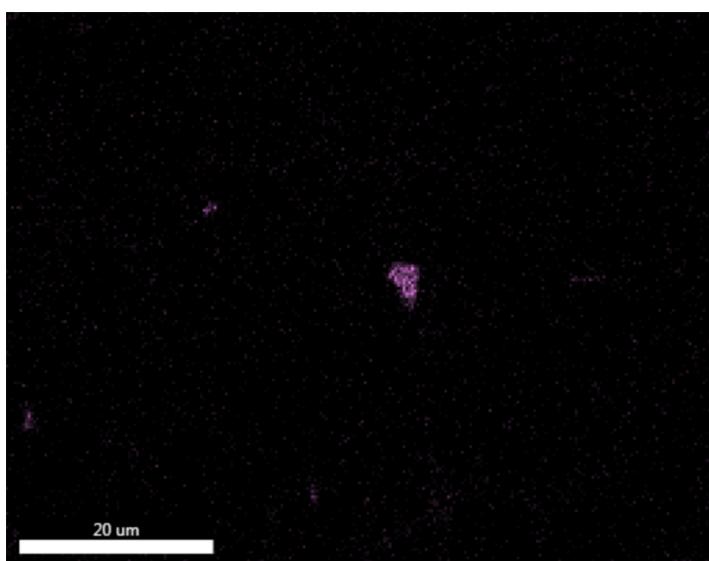
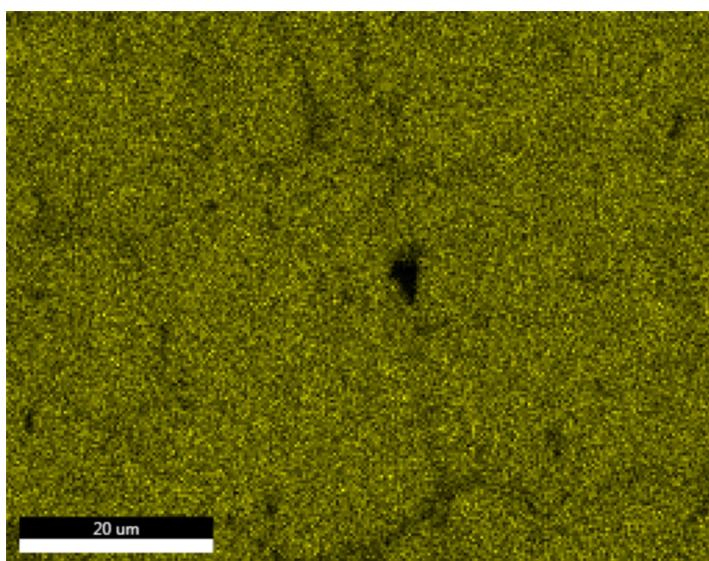
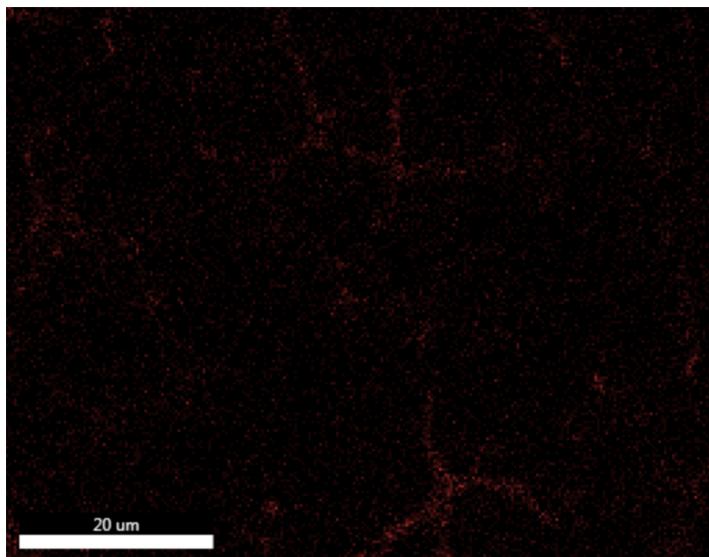
0% C K
1% O K
3% MgK
93% AlK
1% SiK
0% TiK
0% CrK
0% MnK
0% FeK
0% CuK
0% ZnK

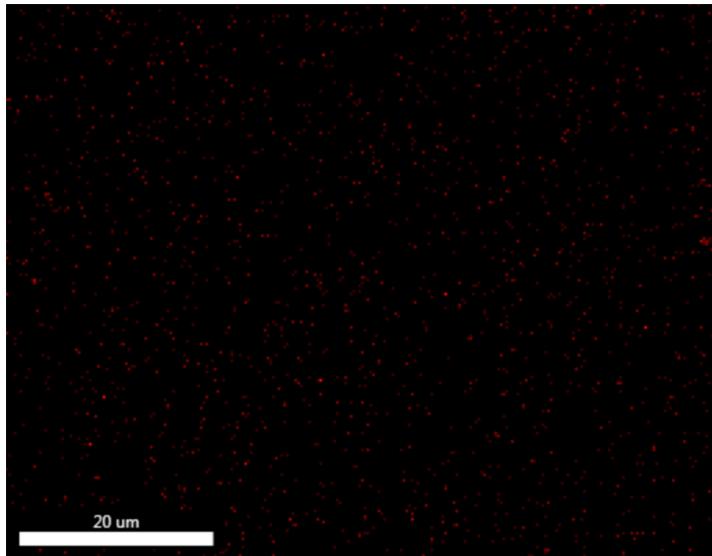
C K_ROI (2)



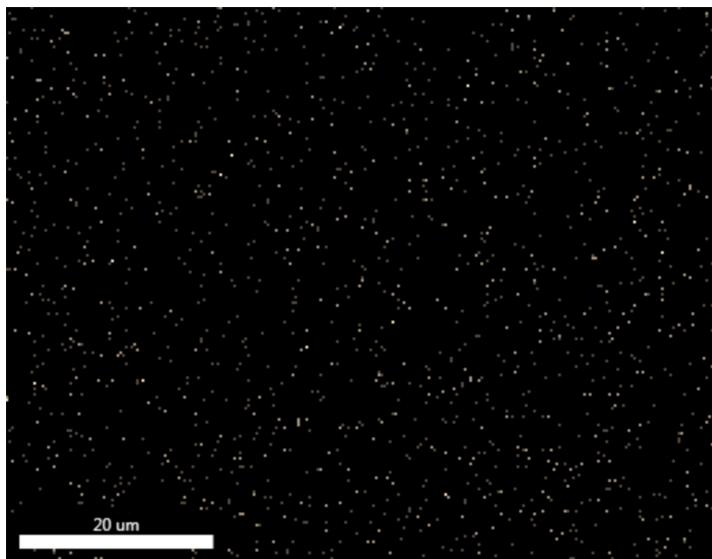
O K_ROI (4)



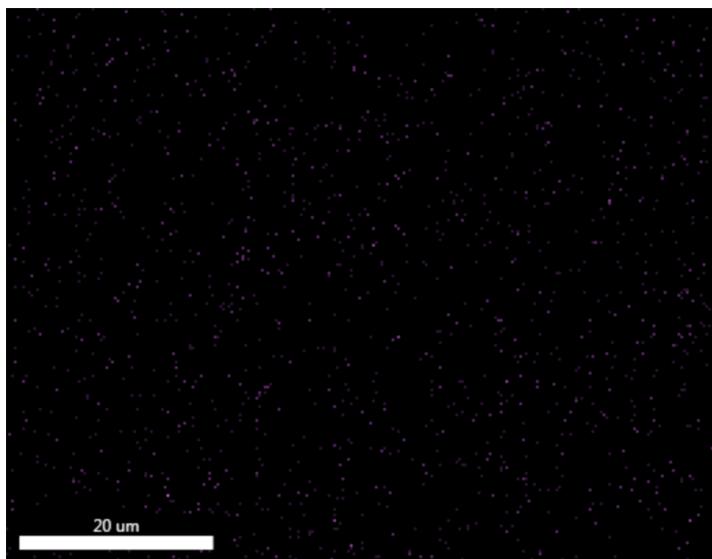




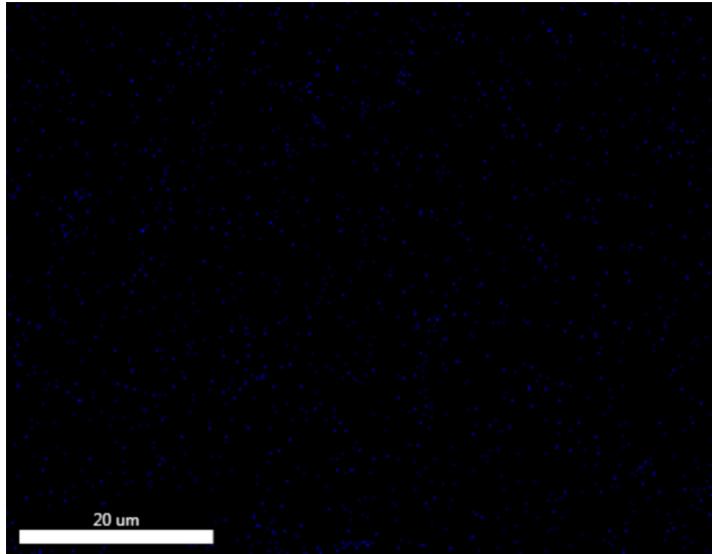
TiK_ROI (4)



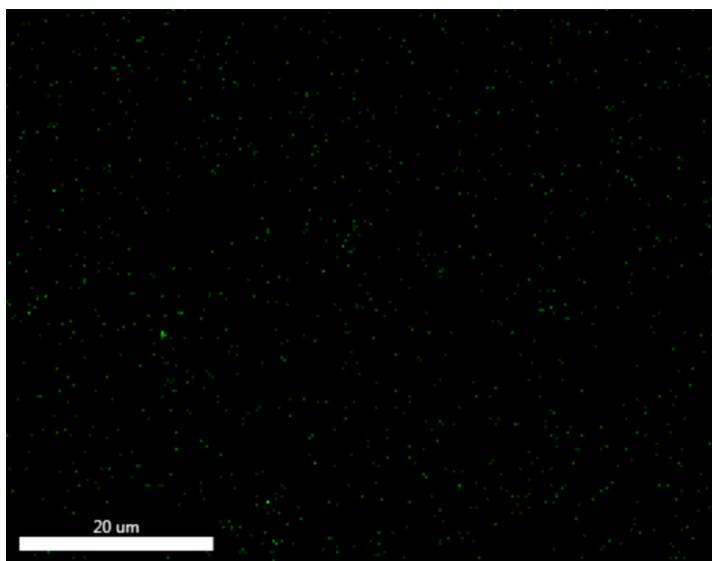
CrK_ROI (3)



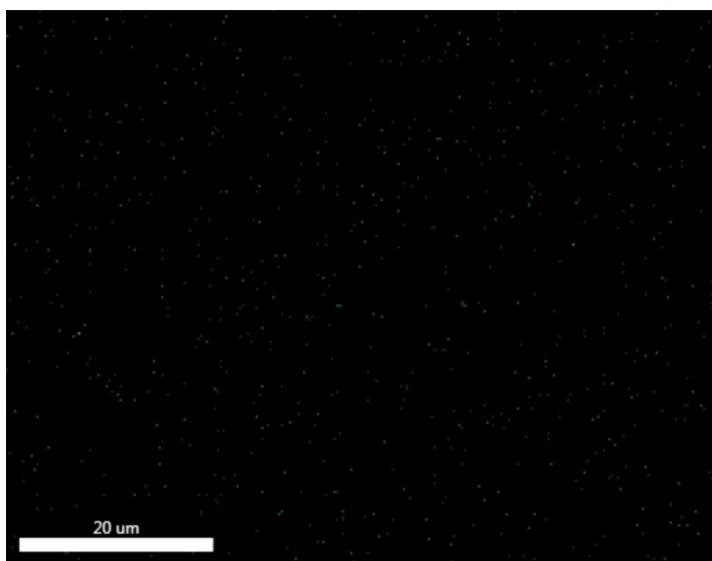
MnK_ROI (4)



FeK_ROI (4)



CuK_ROI (6)



ZnK_ROI (4)

kV: 20

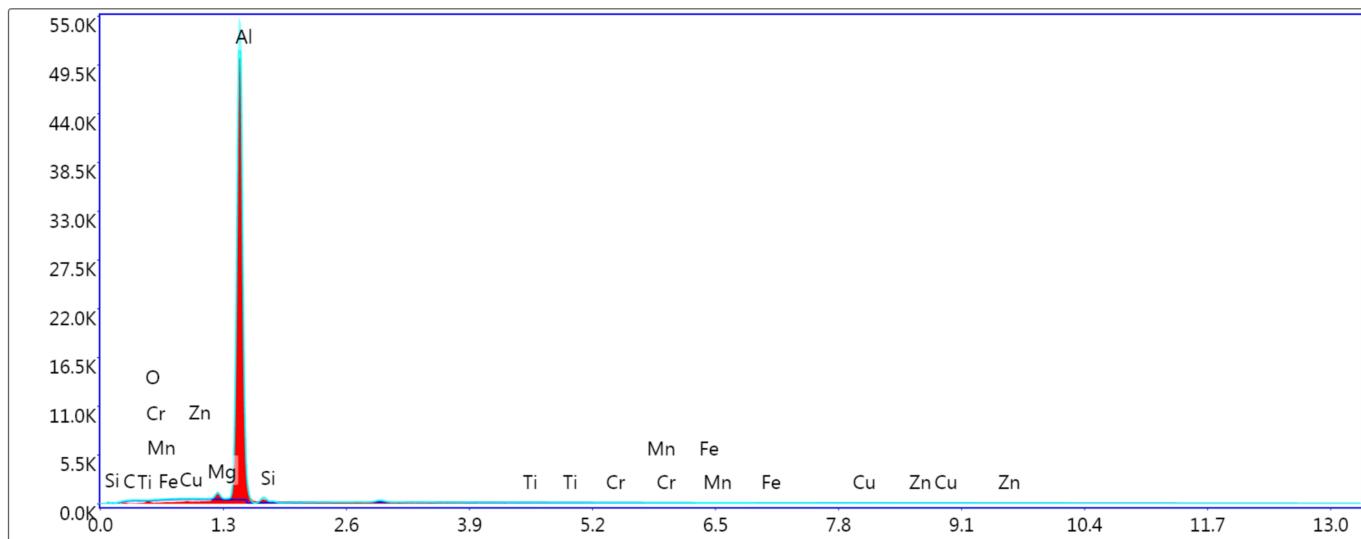
Mag: 1500

Takeoff: 36.8

Live Time(s): 81.9

Amp Time(μs): 3.84

Resolution:(eV) 124.8

Sum Spectrum**eZAF Smart Quant Results**

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	A	F
C K	0.00	0.00	0.00	99.99	0.0000	1.1681	0.0789	1.0000
O K	0.00	0.00	0.00	99.99	0.0000	1.1201	0.2487	1.0000
MgK	1.00	1.11	96.10	4.78	0.0097	1.0370	0.9242	1.0120
AlK	95.98	95.99	9339.40	1.27	0.9397	0.9989	0.9797	1.0004
SiK	3.02	2.90	104.90	9.22	0.0107	1.0212	0.3479	1.0003
TiK	0.00	0.00	0.00	99.99	0.0000	0.8748	0.9346	1.0226
CrK	0.00	0.00	0.00	99.99	0.0000	0.8660	0.9709	1.0413
MnK	0.00	0.00	0.00	99.99	0.0000	0.8476	0.9821	1.0554
FeK	0.00	0.00	0.00	99.99	0.0000	0.8609	0.9900	1.0705
CuK	0.00	0.00	0.00	99.99	0.0000	0.8245	1.0021	1.1469
ZnK	0.00	0.00	0.00	99.99	0.0000	0.8218	1.0040	1.1817

kV: 20

Mag: 1500

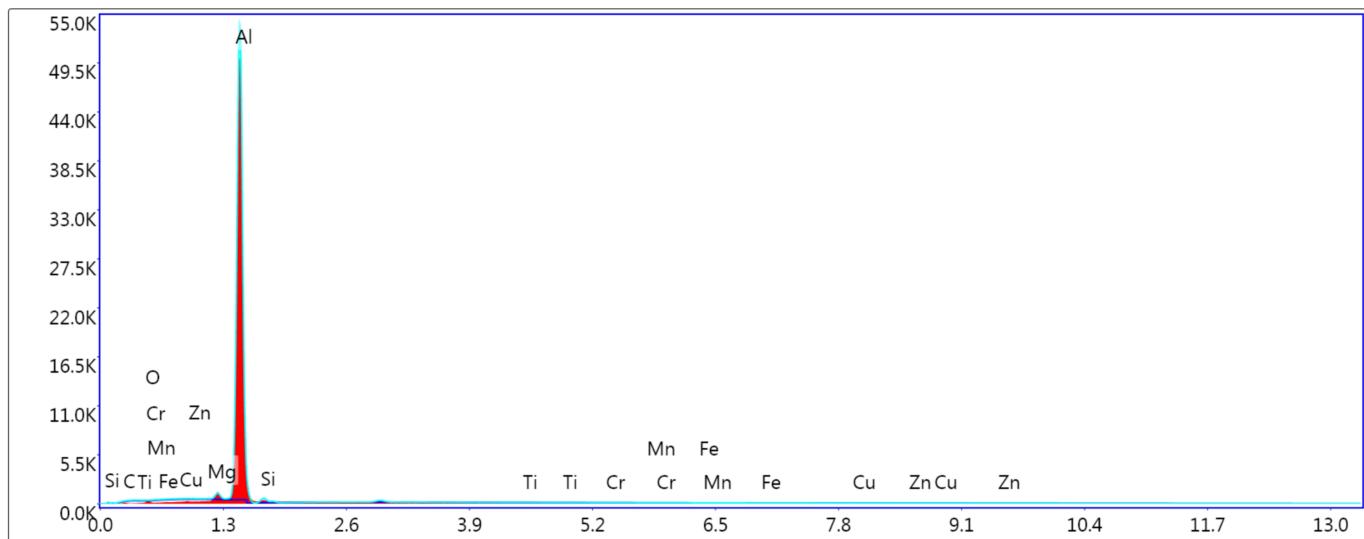
Takeoff: 36.8

Live Time(s): 80.5

Amp Time(μs): 3.84

Resolution:(eV) 124.8

Phase: AlK

**eZAF Smart Quant Results**

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	A	F
C K	0.00	0.00	0.00	99.99	0.0000	1.1682	0.0790	1.0000
O K	0.00	0.00	0.00	99.99	0.0000	1.1202	0.2489	1.0000
MgK	0.99	1.09	95.00	5.25	0.0096	1.0371	0.9245	1.0120
AlK	96.43	96.43	9438.80	1.27	0.9447	0.9991	0.9803	1.0003
SiK	2.58	2.48	89.90	9.37	0.0091	1.0213	0.3466	1.0003
TiK	0.00	0.00	0.00	99.99	0.0000	0.8749	0.9347	1.0226
CrK	0.00	0.00	0.00	99.99	0.0000	0.8661	0.9710	1.0414
MnK	0.00	0.00	0.00	99.99	0.0000	0.8477	0.9822	1.0554
FeK	0.00	0.00	0.00	99.99	0.0000	0.8610	0.9900	1.0705
CuK	0.00	0.00	0.00	99.99	0.0000	0.8246	1.0021	1.1470
ZnK	0.00	0.00	0.00	99.99	0.0000	0.8219	1.0040	1.1818

kV: 20

Mag: 1500

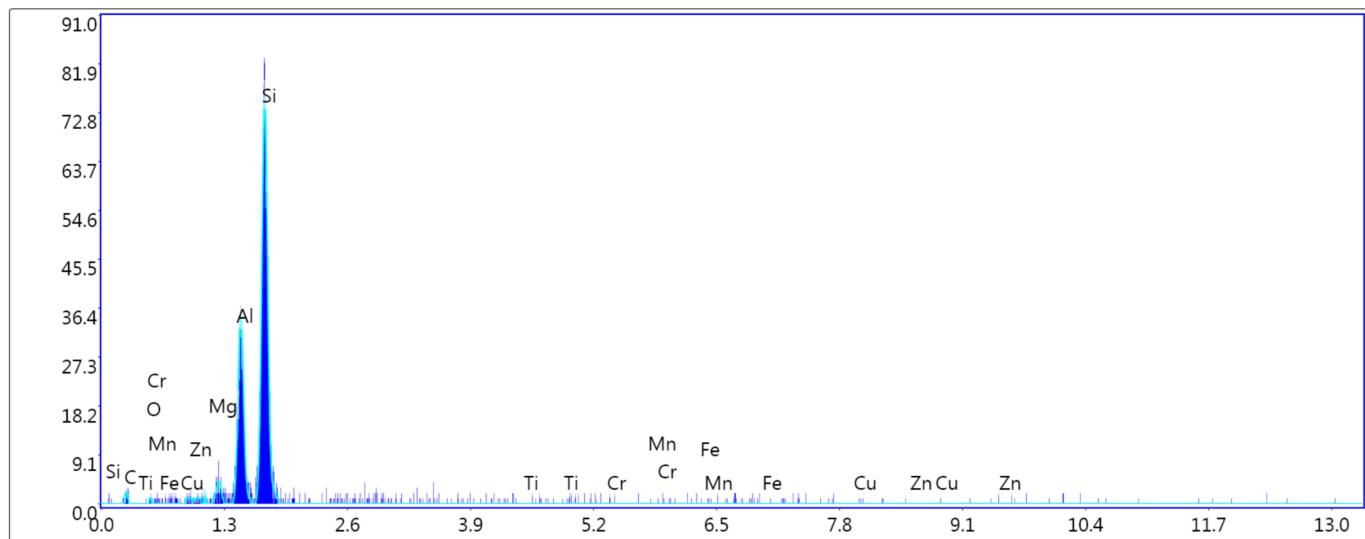
Takeoff: 36.8

Live Time(s): 0.2

Amp Time(μs): 3.84

Resolution:(eV) 124.8

Phase: SiK/AIK



Lsec: 0.2 0 Cnts 0.000 keV Det: Octane Elect Plus

eZAF Smart Quant Results

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	A	F
C K	19.37	36.23	88.10	58.88	0.0197	1.1220	0.0907	1.0000
O K	1.15	1.61	24.50	99.99	0.0023	1.0758	0.1831	1.0000
MgK	2.11	1.95	235.90	36.92	0.0157	0.9960	0.7441	1.0065
AlK	19.06	15.87	2312.50	8.72	0.1531	0.9595	0.8317	1.0070
SiK	52.46	41.96	5477.40	7.29	0.3684	0.9808	0.7157	1.0006
TiK	1.08	0.51	60.90	75.77	0.0088	0.8406	0.9450	1.0299
CrK	1.20	0.52	55.10	86.53	0.0102	0.8322	0.9747	1.0452
MnK	0.83	0.34	33.70	80.99	0.0070	0.8146	0.9848	1.0528
FeK	1.13	0.45	41.60	77.55	0.0098	0.8274	0.9900	1.0617
CuK	1.41	0.50	34.80	93.50	0.0123	0.7925	1.0003	1.1011
ZnK	0.21	0.07	4.30	95.24	0.0018	0.7899	1.0023	1.1229

kV: 20

Mag: 1500

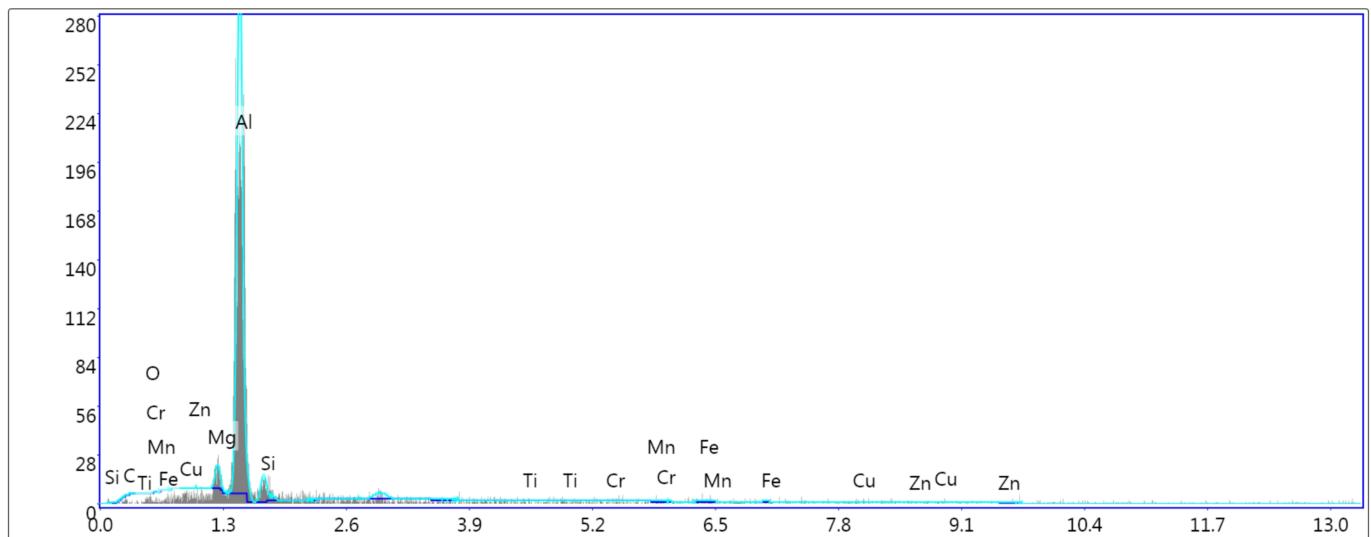
Takeoff: 36.8

Live Time(s): 1.2

Amp Time(μs): 3.84

Resolution:(eV) 124.8

Phase: Unallocated



Lsec: 1.2 0 Cnts 0.000 keV Det: Octane Elect Plus

eZAF Smart Quant Results

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	A	F
C K	0.55	1.26	0.90	99.99	0.0005	1.1712	0.0816	1.0000
O K	0.08	0.13	0.90	99.99	0.0002	1.1234	0.2496	1.0000
MgK	3.68	4.16	170.90	25.32	0.0313	1.0405	0.8104	1.0076
AlK	81.28	82.91	3829.20	4.41	0.6958	1.0024	0.8530	1.0011
SiK	9.35	9.16	194.50	25.03	0.0359	1.0248	0.3747	1.0005
TiK	0.19	0.11	3.90	99.99	0.0016	0.8785	0.9351	1.0296
CrK	0.68	0.36	11.80	94.37	0.0060	0.8697	0.9707	1.0499
MnK	0.33	0.17	5.20	99.99	0.0030	0.8514	0.9817	1.0607
FeK	1.37	0.68	19.40	75.72	0.0125	0.8648	0.9885	1.0699
CuK	1.32	0.57	12.60	89.08	0.0122	0.8284	0.9997	1.1133
ZnK	1.17	0.49	9.40	81.36	0.0109	0.8258	1.0019	1.1232