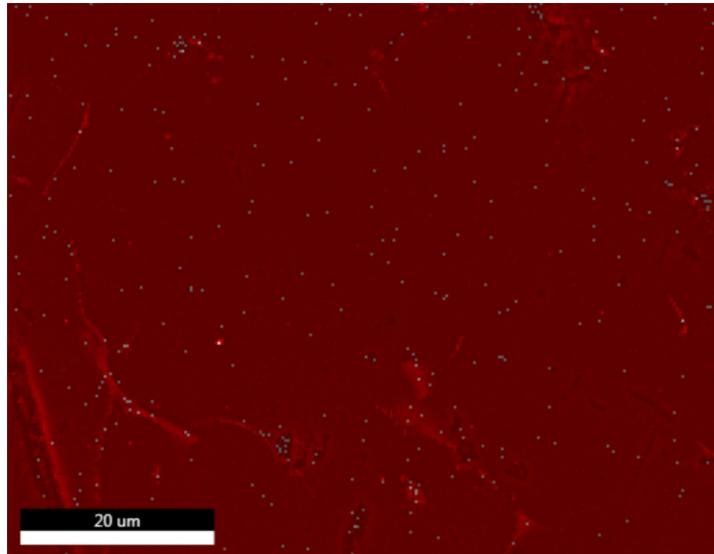


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Author: eds
Creation: 09/30/2020 12:11:59 PM
Sample Name: New Sample

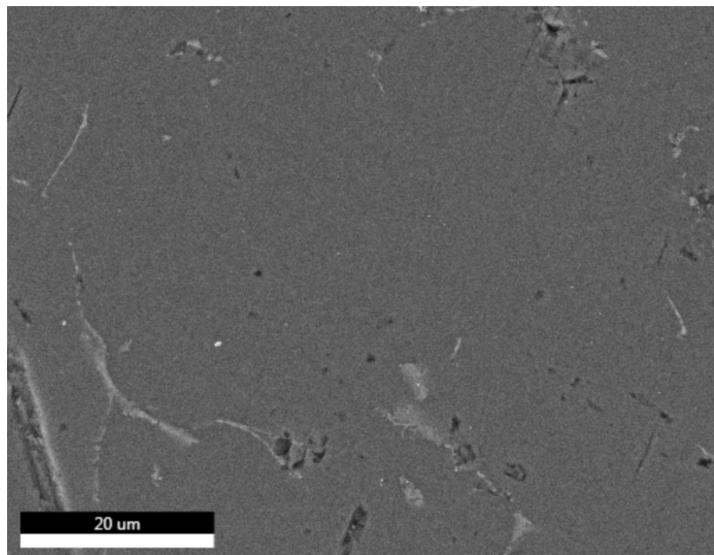
Area 1

Live Map 1



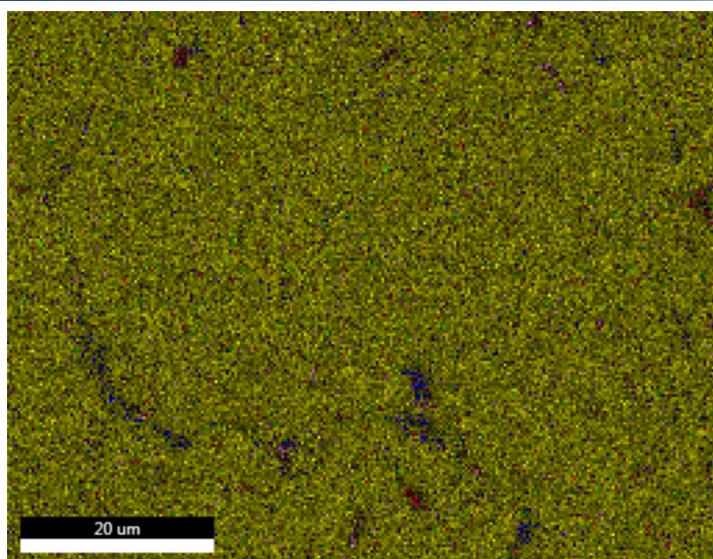
99% AIK (50854 Pixels)
1% Unallocated (346 Pixels)

Notes:

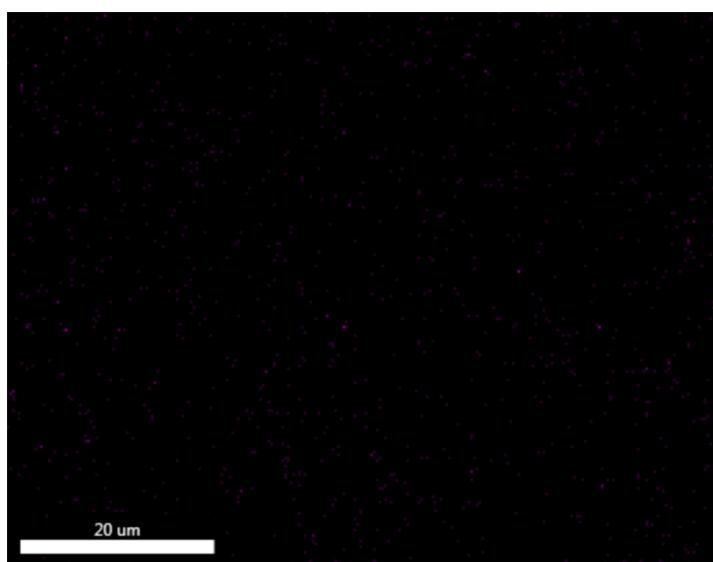


Image

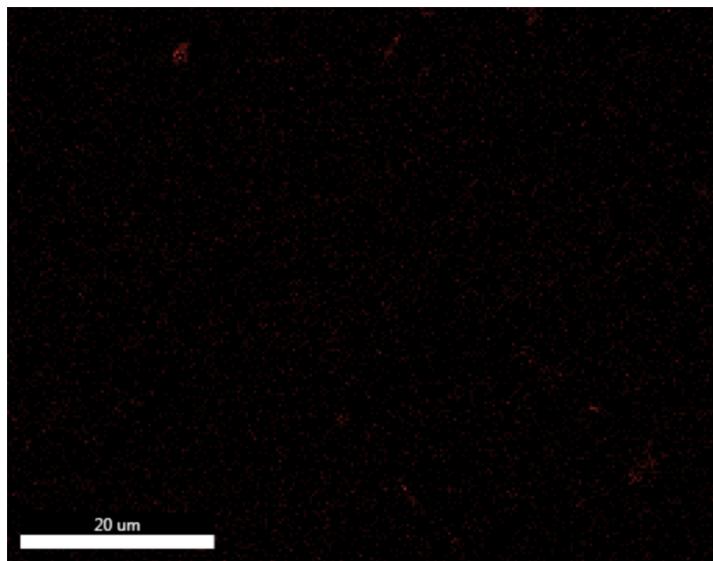
ElementOverlay



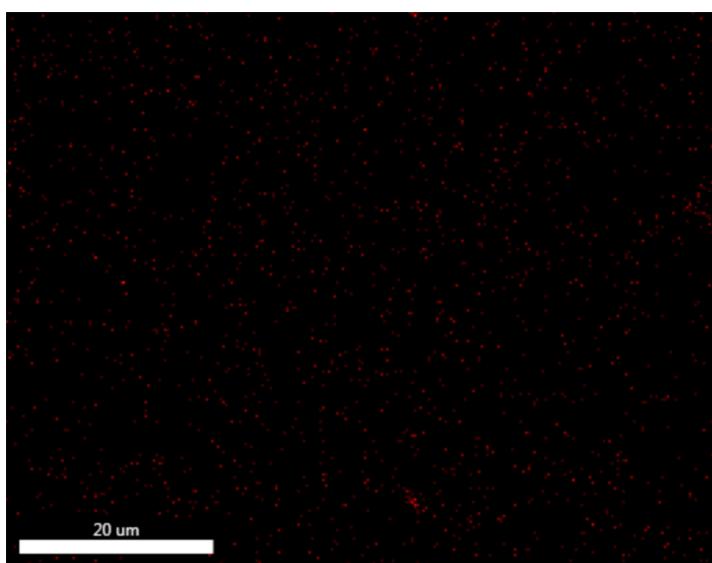
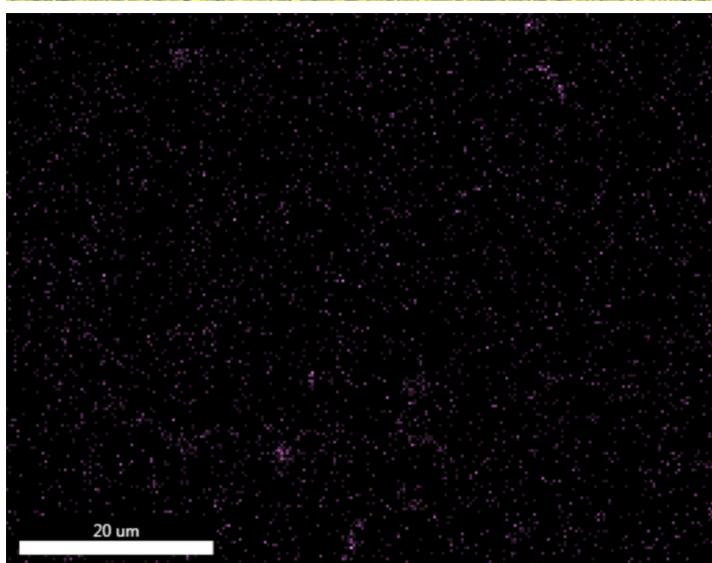
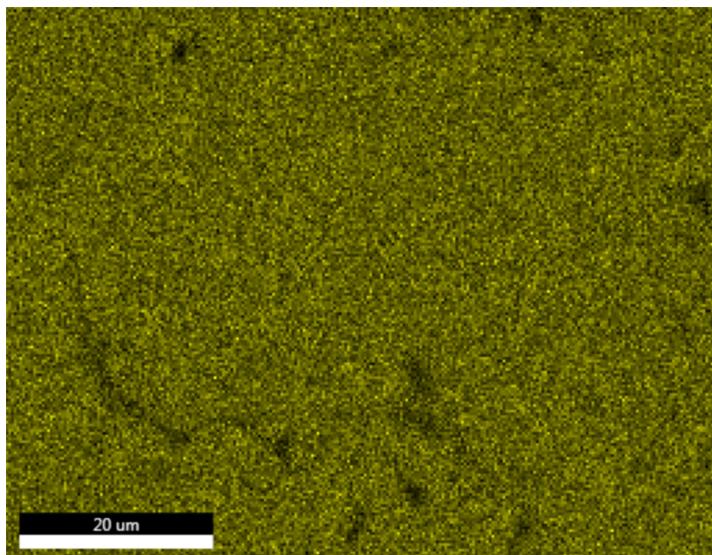
0% C K
2% MgK
95% AlK
1% SiK
0% TiK
0% CrK
0% MnK
0% FeK
0% CuK
0% ZnK

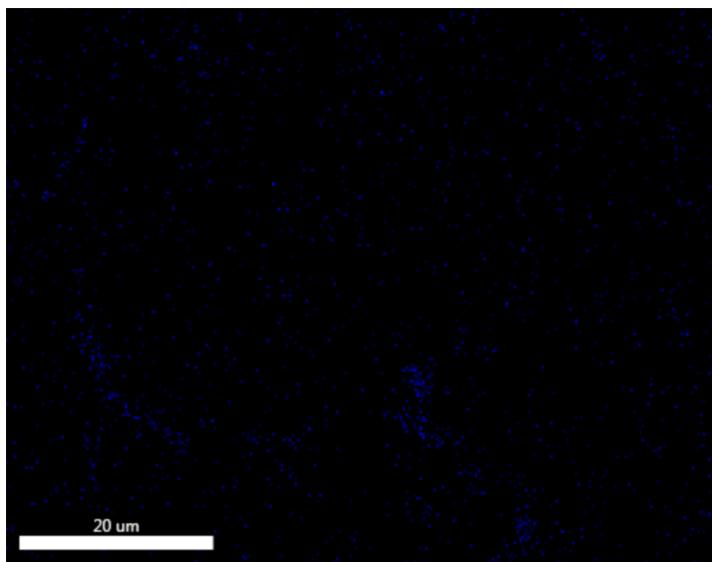
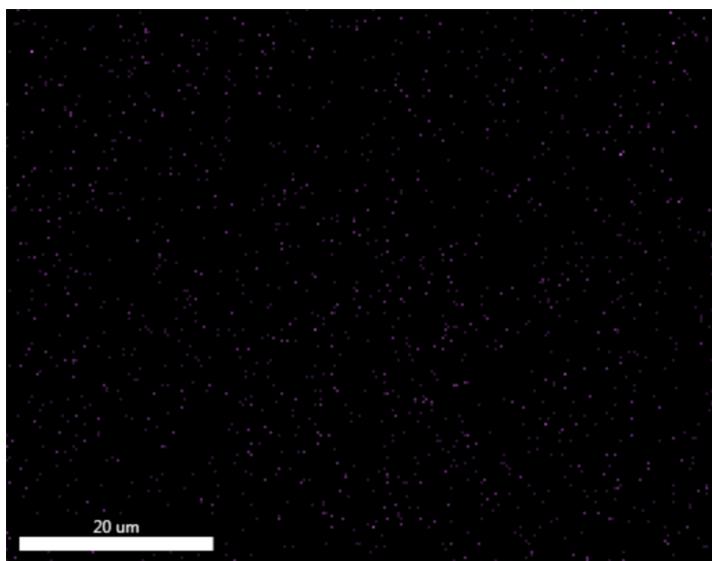
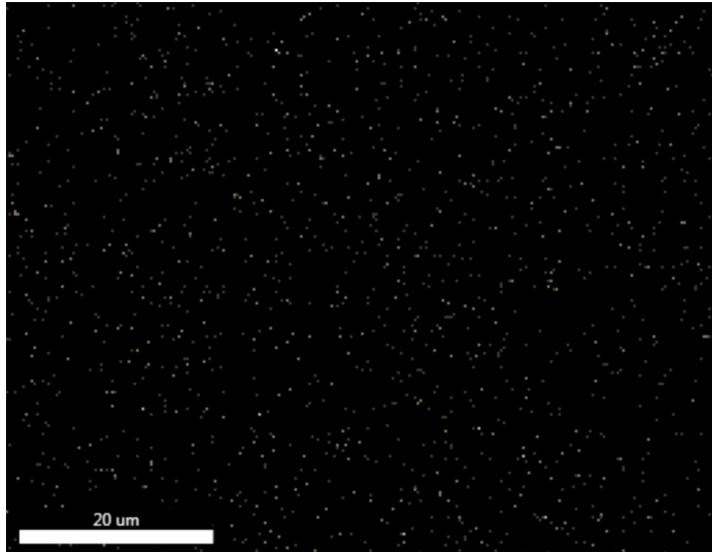


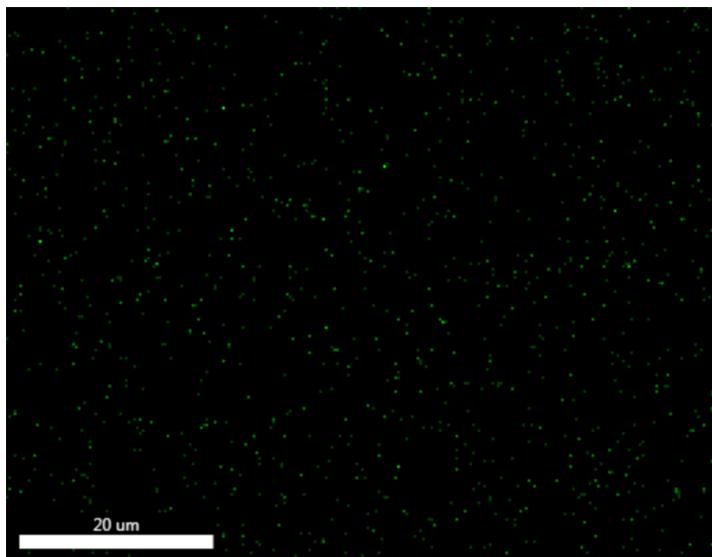
C K_ROI (3)



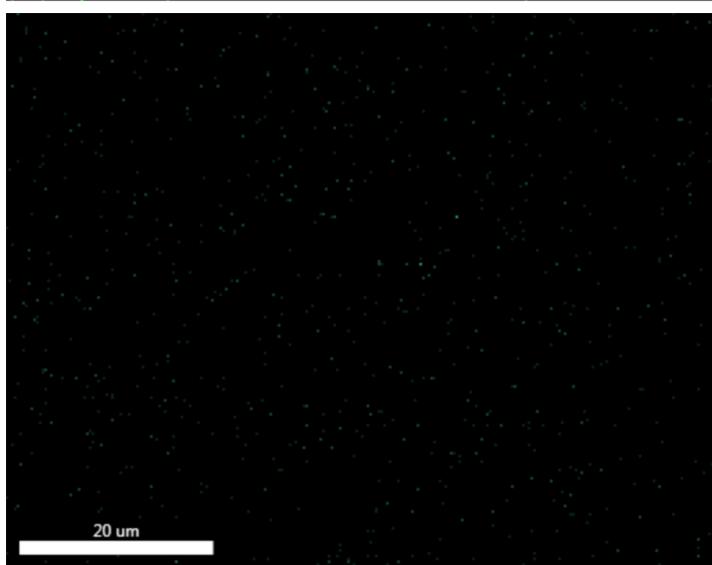
MgK_ROI (8)







CuK_ROI (4)



ZnK_ROI (4)

kV: 20

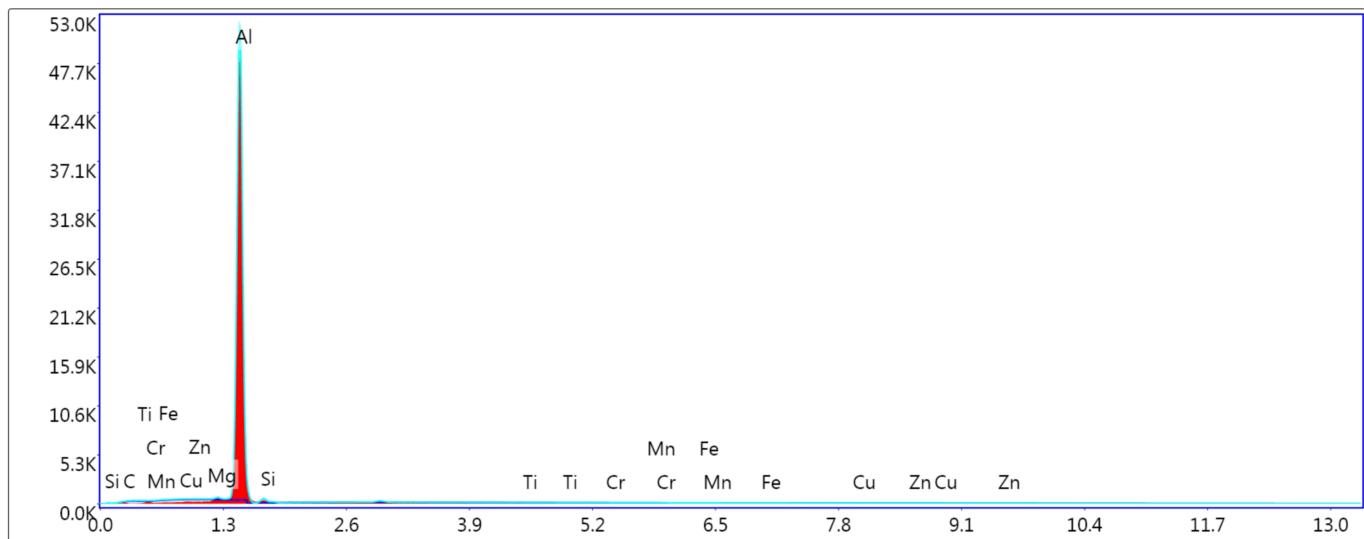
Mag: 1500

Takeoff: 33.3

Live Time(s): 81.9

Amp Time(μs): 3.84

Resolution:(eV) 124.8

Sum Spectrum

Lsec: 81.9 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	0.00	0.00	0.00	99.99	0.0000	1.1685	0.0781	1.0000
MgK	0.26	0.28	22.60	15.39	0.0025	1.0374	0.9179	1.0123
AlK	97.01	97.09	8922.80	1.14	0.9630	0.9993	0.9930	1.0004
SiK	2.73	2.63	83.00	9.59	0.0091	1.0215	0.3247	1.0003
TiK	0.00	0.00	0.00	99.99	0.0000	0.8752	0.9289	1.0225
CrK	0.00	0.00	0.00	99.99	0.0000	0.8663	0.9682	1.0413
MnK	0.00	0.00	0.00	99.99	0.0000	0.8479	0.9805	1.0553
FeK	0.00	0.00	0.10	99.99	0.0000	0.8612	0.9890	1.0704
CuK	0.00	0.00	0.00	99.99	0.0000	0.8248	1.0023	1.1467
ZnK	0.00	0.00	0.00	99.99	0.0000	0.8221	1.0043	1.1815

kV: 20

Mag: 1500

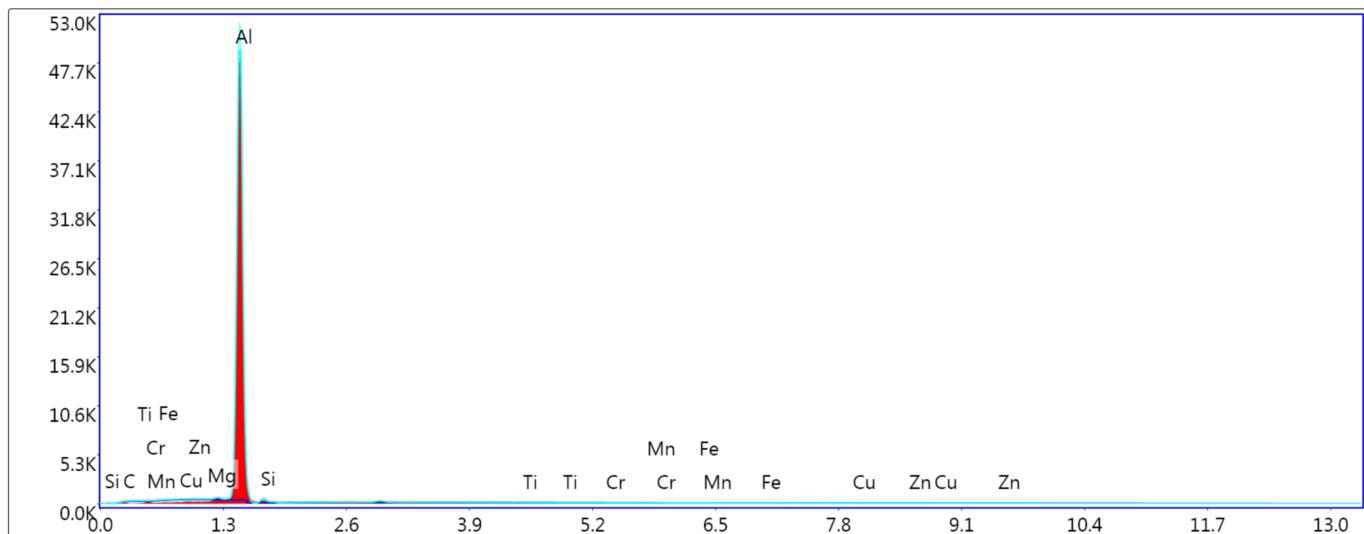
Takeoff: 33.3

Live Time(s): 81.4

Amp Time(μs): 3.84

Resolution:(eV) 124.8

Phase: AlK



Lsec: 81.4 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	0.00	0.00	0.00	99.99	0.0000	1.1685	0.0781	1.0000
MgK	0.25	0.28	22.30	15.42	0.0024	1.0374	0.9179	1.0123
AlK	97.04	97.12	8963.20	1.14	0.9634	0.9993	0.9931	1.0004
SiK	2.71	2.60	82.60	9.60	0.0090	1.0215	0.3247	1.0003
TiK	0.00	0.00	0.00	99.99	0.0000	0.8752	0.9289	1.0225
CrK	0.00	0.00	0.00	99.99	0.0000	0.8663	0.9682	1.0413
MnK	0.00	0.00	0.00	99.99	0.0000	0.8480	0.9805	1.0553
FeK	0.00	0.00	0.10	99.99	0.0000	0.8612	0.9890	1.0704
CuK	0.00	0.00	0.00	99.99	0.0000	0.8248	1.0023	1.1468
ZnK	0.00	0.00	0.00	99.99	0.0000	0.8221	1.0043	1.1815

kV: 20

Mag: 1500

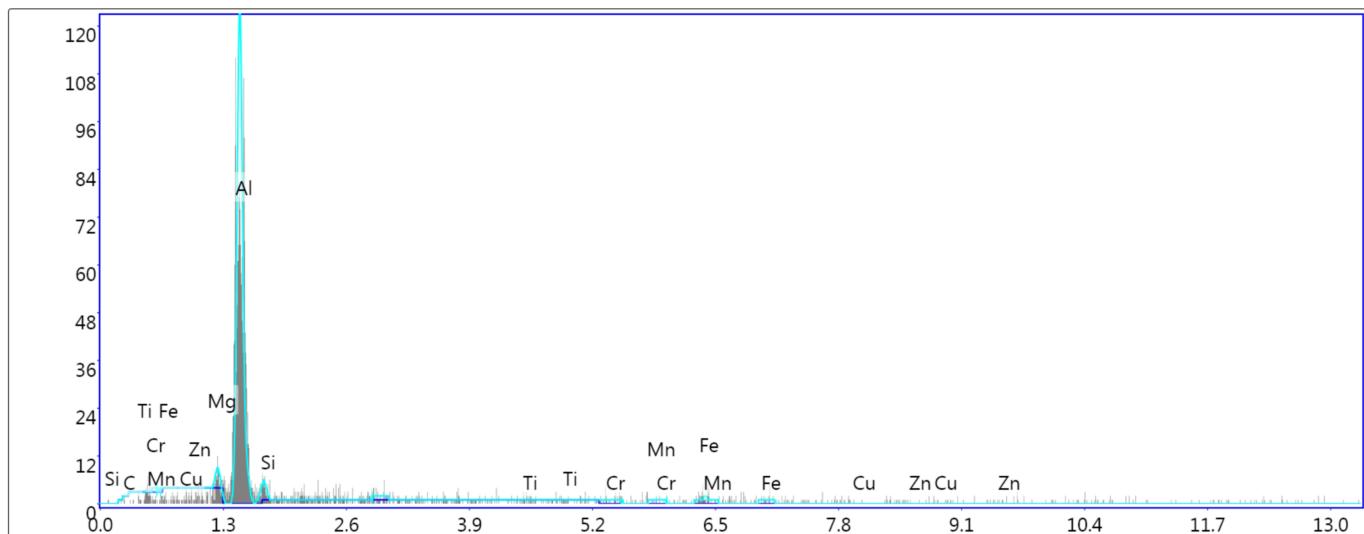
Takeoff: 33.3

Live Time(s): 0.6

Amp Time(μs): 3.84

Resolution:(eV) 124.8

Phase: Unallocated

**eZAF Smart Quant Results**

Element	Weight %	Atomic %	Net Int.	Error %	Kratio	Z	A	F
C K	1.28	3.02	1.80	99.99	0.0013	1.1798	0.0853	1.0000
MgK	2.81	3.27	102.50	69.41	0.0204	1.0490	0.6880	1.0056
AlK	76.56	80.23	3034.50	6.55	0.5987	1.0108	0.7731	1.0009
SiK	7.65	7.70	140.60	36.68	0.0281	1.0334	0.3551	1.0008
TiK	0.77	0.45	15.50	88.40	0.0066	0.8865	0.9326	1.0359
CrK	1.77	0.96	29.20	86.06	0.0159	0.8778	0.9684	1.0552
MnK	1.08	0.56	15.80	88.24	0.0096	0.8593	0.9800	1.0593
FeK	3.90	1.98	51.50	69.28	0.0355	0.8729	0.9853	1.0588
CuK	1.89	0.84	16.50	89.46	0.0171	0.8365	0.9951	1.0890
ZnK	2.29	0.99	16.80	80.10	0.0208	0.8339	0.9982	1.0893