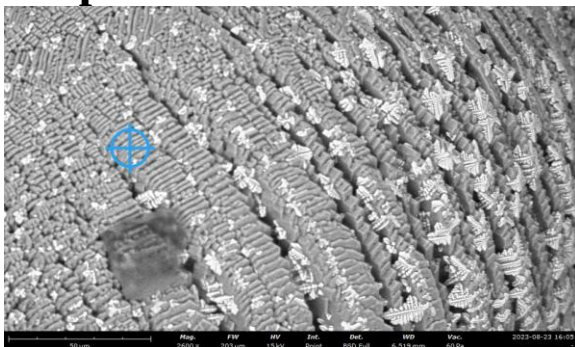


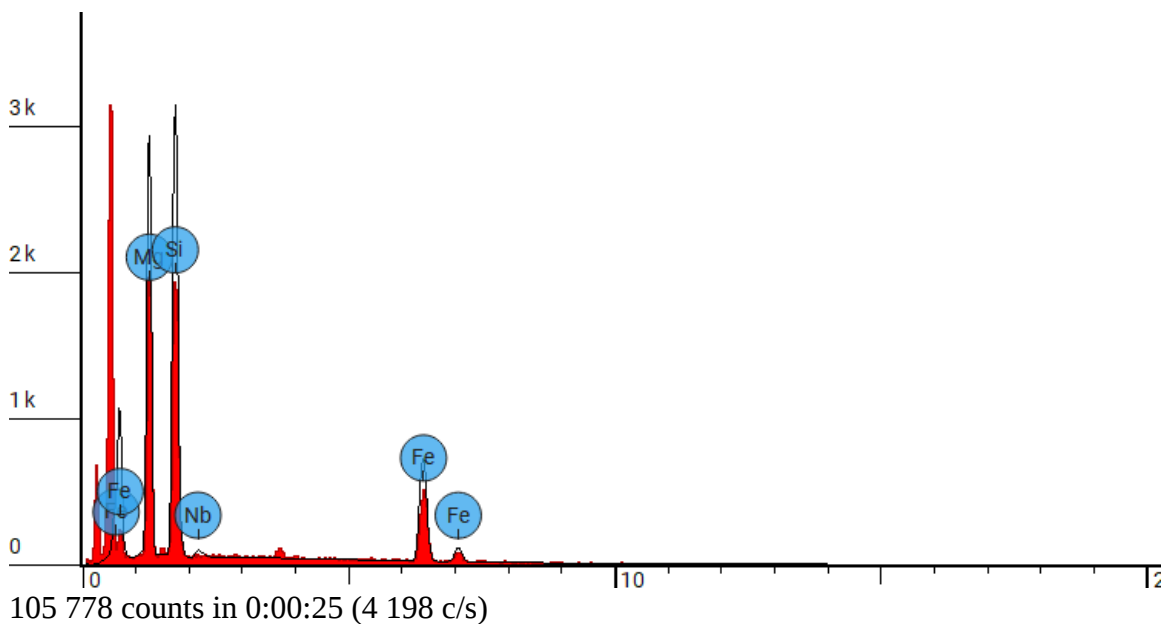
Image 1

1. Spot



FW: 203 µm, Mode: 15 kV - Point, Detector: BSD Full, Time: 8/23/23 4:05 PM

	Element Number	Element Symbol	Element Name	Atomic Conc.	Weight Conc.	Oxide Symbol	Stoich. Weight Conc.
	12	Mg	Magnesium	36.587	25.900	MgO	26.149
	14	Si	Silicon	36.813	30.100	SiO ₂	39.212
	26	Fe	Iron	25.897	42.100	FeO	32.983
	41	Nb	Niobium	0.703	1.900	Nb ₂ O ₅	1.655



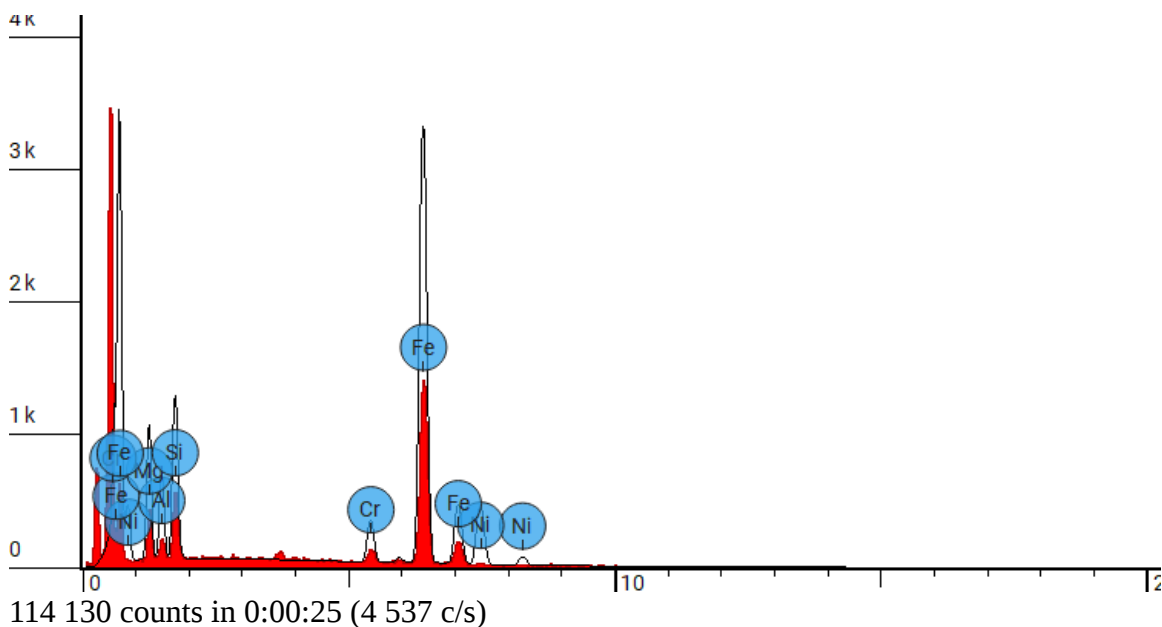
Disabled elements: Np, Am, C, N, Tc, Pu, Cm, Bk, Cf, Po, Fr, Ra, Mo, Rh, B, Os, O, Ag, Au, Ir, Cs, Rb, Tb, In, W

2. Spot



FW: 203 μm , Mode: 15 kV - Point, Detector: BSD Full, Time: 8/23/23 4:05 PM

Element Number	Element Symbol	Element Name	Atomic Conc.	Weight Conc.	Oxide Symbol	Stoich. Weight Conc.
12	Mg	Magnesium	12.209	6.294	MgO	7.828
13	Al	Aluminum	8.388	4.795	Al ₂ O ₃	6.799
14	Si	Silicon	9.396	5.594	SiO ₂	8.978
24	Cr	Chromium	3.626	3.996		
26	Fe	Iron	54.094	64.036	FeO	61.803
28	Ni	Nickel	12.287	15.285	NiO	14.593



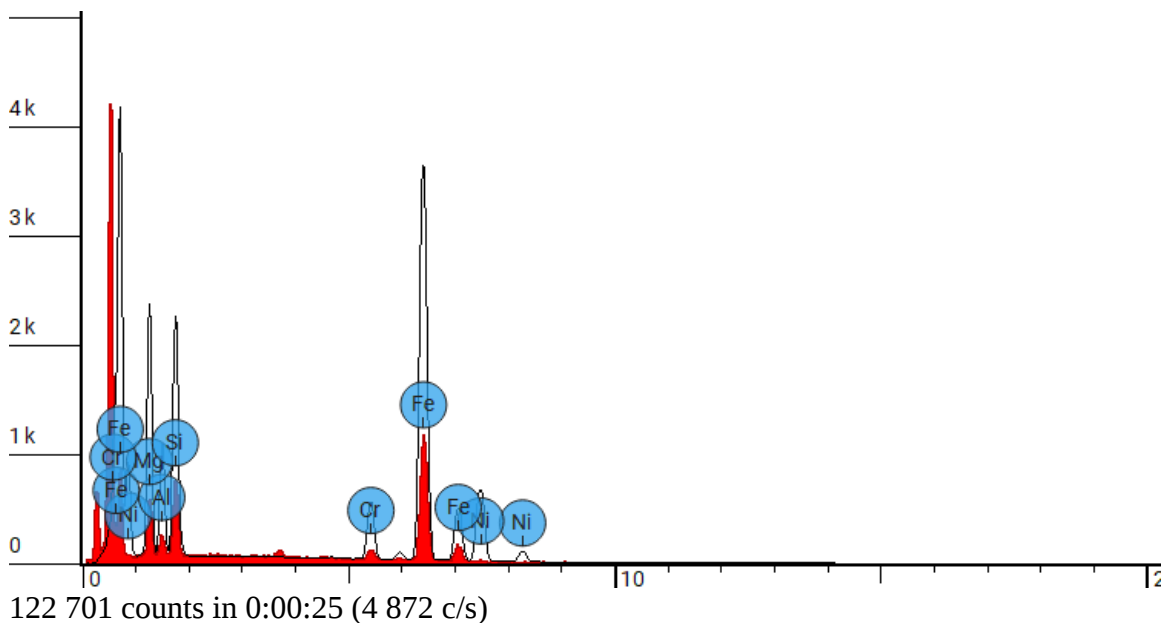
Disabled elements: Np, Am, C, N, Tc, Pu, Cm, Bk, Cf, Po, Fr, Ra, Mo, Rh, B, Os, O, Ag, Au, Ir, Cs, Rb, Tb, In, W

3. Spot



FW: 203 µm, Mode: 15 kV - Point, Detector: BSD Full, Time: 8/23/23 4:05 PM

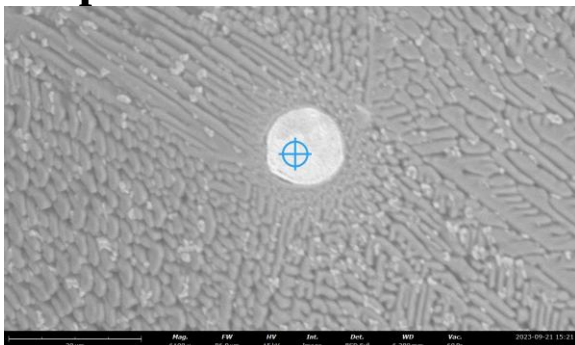
Element Number	Element Symbol	Element Name	Atomic Conc.	Weight Conc.	Oxide Symbol	Stoich. Weight Conc.
12	Mg	Magnesium	17.047	9.200	MgO	11.374
13	Al	Aluminum	8.689	5.200	Al ₂ O ₃	7.328
14	Si	Silicon	11.230	7.000	SiO ₂	11.166
24	Cr	Chromium	4.593	5.300		
26	Fe	Iron	44.620	55.300	FeO	53.050
28	Ni	Nickel	13.821	18.000	NiO	17.082



Disabled elements: Np, Am, C, N, Tc, Pu, Cm, Bk, Cf, Po, Fr, Ra, Mo, Rh, B, Os, O, Ag, Au, Ir, Cs, Rb, Tb, In, W

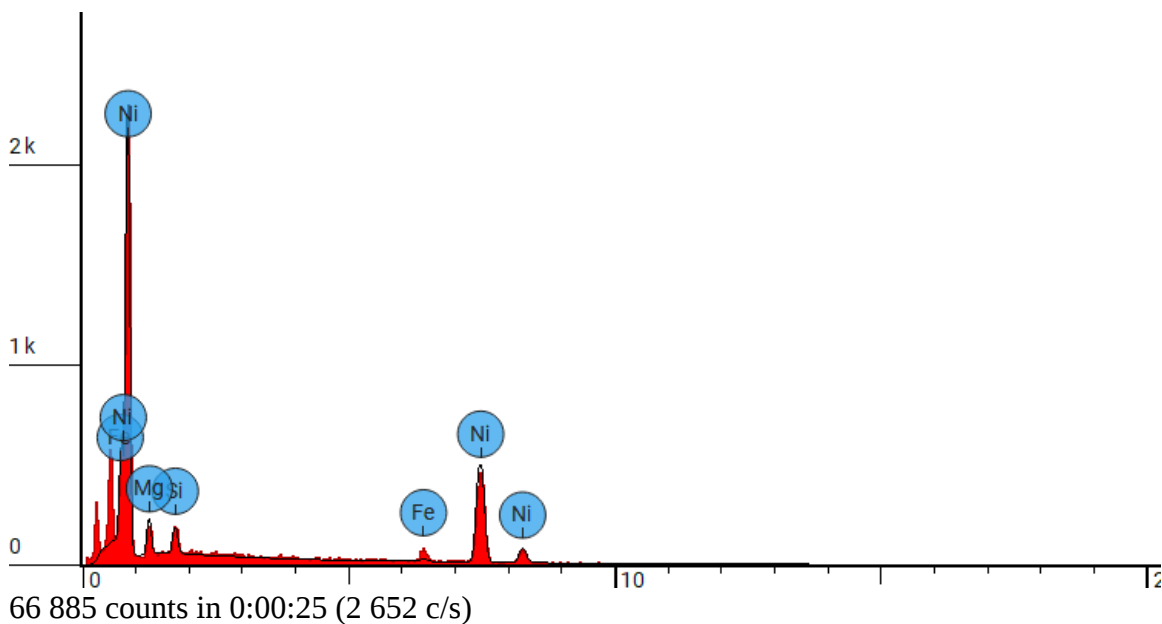
Image 2

1. Spot



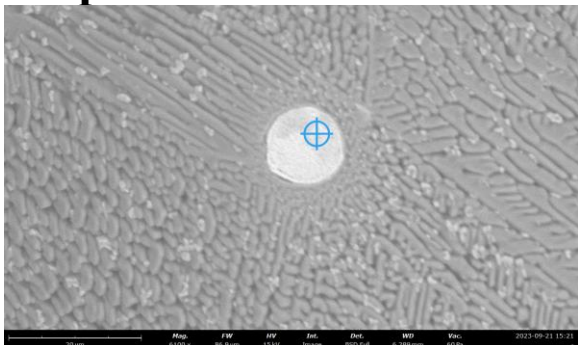
FW: 87 µm, Mode: 15 kV - Image, Detector: BSD Full, Time: 9/21/23 3:21 PM

	Element Number	Element Symbol	Element Name	Atomic Conc.	Weight Conc.	Oxide Symbol	Stoich. Weight Conc.
	12	Mg	Magnesium	10.747	4.895	MgO	6.171
	14	Si	Silicon	5.127	2.697	SiO ₂	4.388
	26	Fe	Iron	1.146	1.199	FeO	1.173
	28	Ni	Nickel	82.980	91.209	NiO	88.268



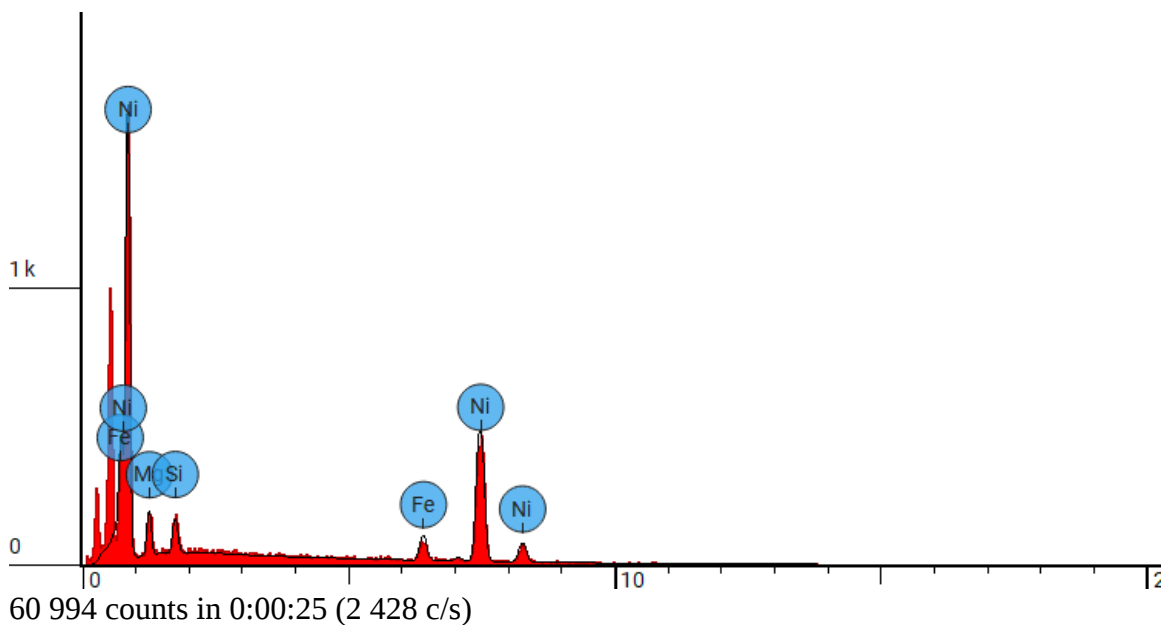
Disabled elements: Np, Am, C, N, Tc, Pu, Cm, Bk, Cf, Po, Fr, Ra, Mo, Rh, B, Os, O, Ag, Au, Ir, Cs, Rb, Tb, In, W

2. Spot



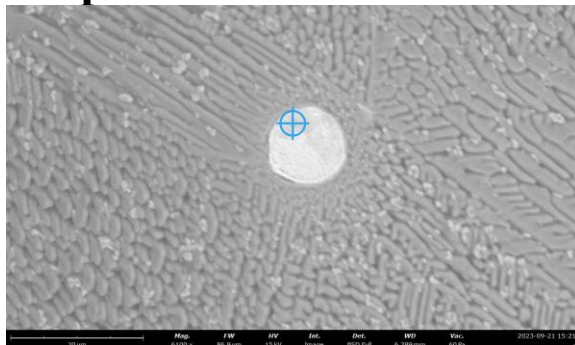
FW: 87 µm, Mode: 15 kV - Image, Detector: BSD Full, Time: 9/21/23 3:21 PM

	Element Number	Element Symbol	Element Name	Atomic Conc.	Weight Conc.	Oxide Symbol	Stoich. Weight Conc.
	12	Mg	Magnesium	10.928	5.000	MgO	6.297
	14	Si	Silicon	5.109	2.700	SiO ₂	4.388
	26	Fe	Iron	7.614	8.000	FeO	7.818
	28	Ni	Nickel	76.349	84.300	NiO	81.497



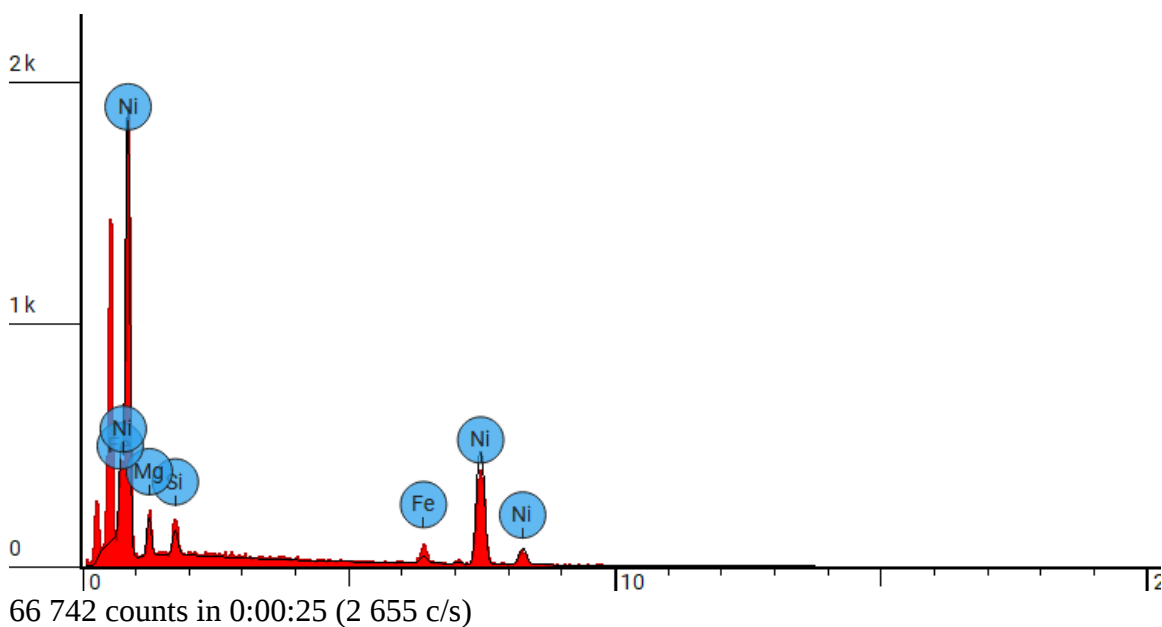
Disabled elements: Np, Am, C, N, Tc, Pu, Cm, Bk, Cf, Po, Fr, Ra, Mo, Rh, B, Os, O, Ag, Au, Ir, Cs, Rb, Tb, In, W

3. Spot



FW: 87 μm, Mode: 15 kV - Image, Detector: BSD Full, Time: 9/21/23 3:21 PM

	Element Number	Element Symbol	Element Name	Atomic Conc.	Weight Conc.	Oxide Symbol	Stoich. Weight Conc.
	12	Mg	Magnesium	11.816	5.405	MgO	6.817
	14	Si	Silicon	4.547	2.402	SiO ₂	3.909
	26	Fe	Iron	2.573	2.703	FeO	2.645
	28	Ni	Nickel	81.064	89.489	NiO	86.629



Disabled elements: Np, Am, C, N, Tc, Pu, Cm, Bk, Cf, Po, Fr, Ra, Mo, Rh, B, Os, O, Ag, Au, Ir, Cs, Rb, Tb, In, W