

Supplementary materials

Characterization of Fibrous Wollastonite NYAD G in View of Its Use as Negative Standard for *In Vitro* Toxicity Tests

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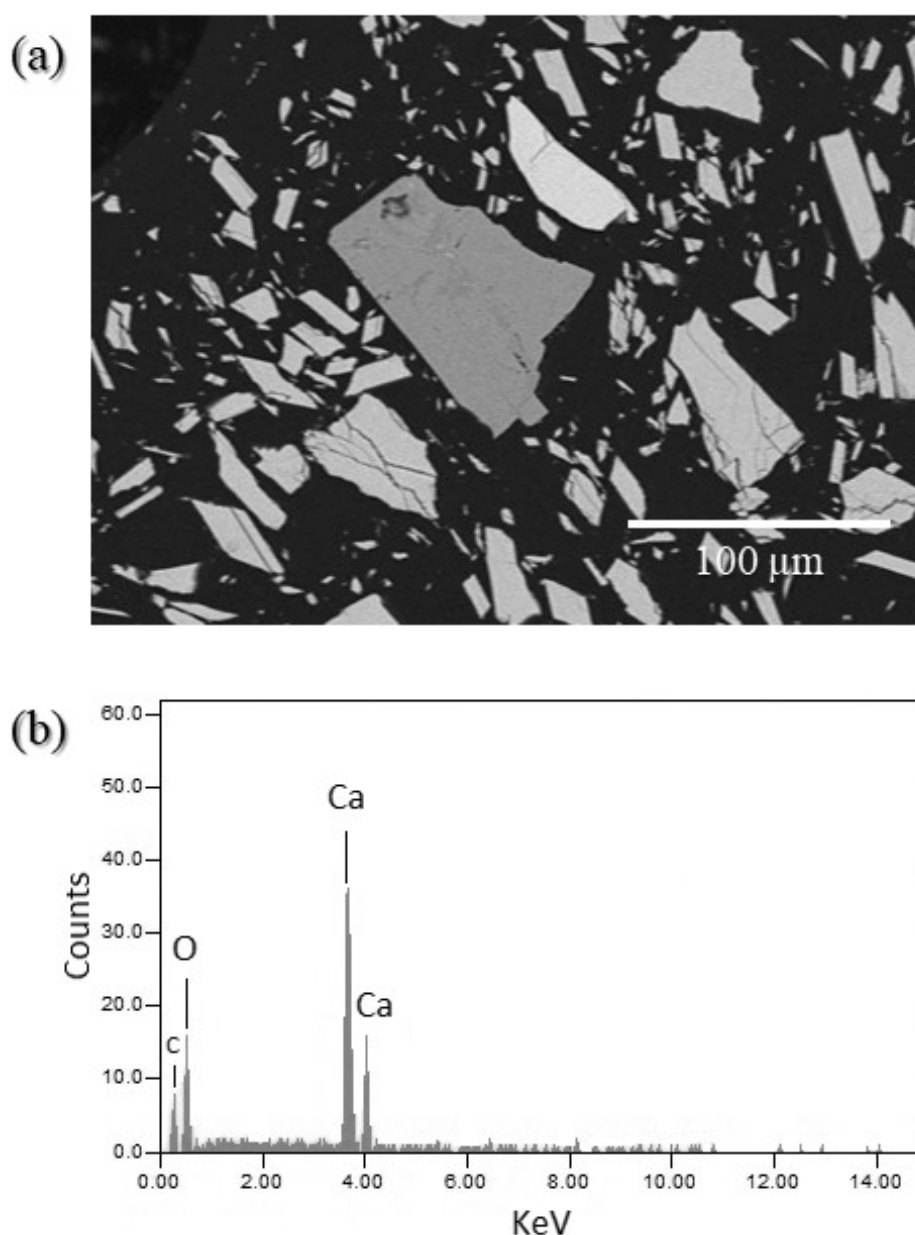


Figure S1. (a) Representative SEM image of a calcite crystal (highlighted by the red star) found in the sample. Image obtained by the backscattered electron detector. (b) EDX spectrum of calcite crystal shown in (a).

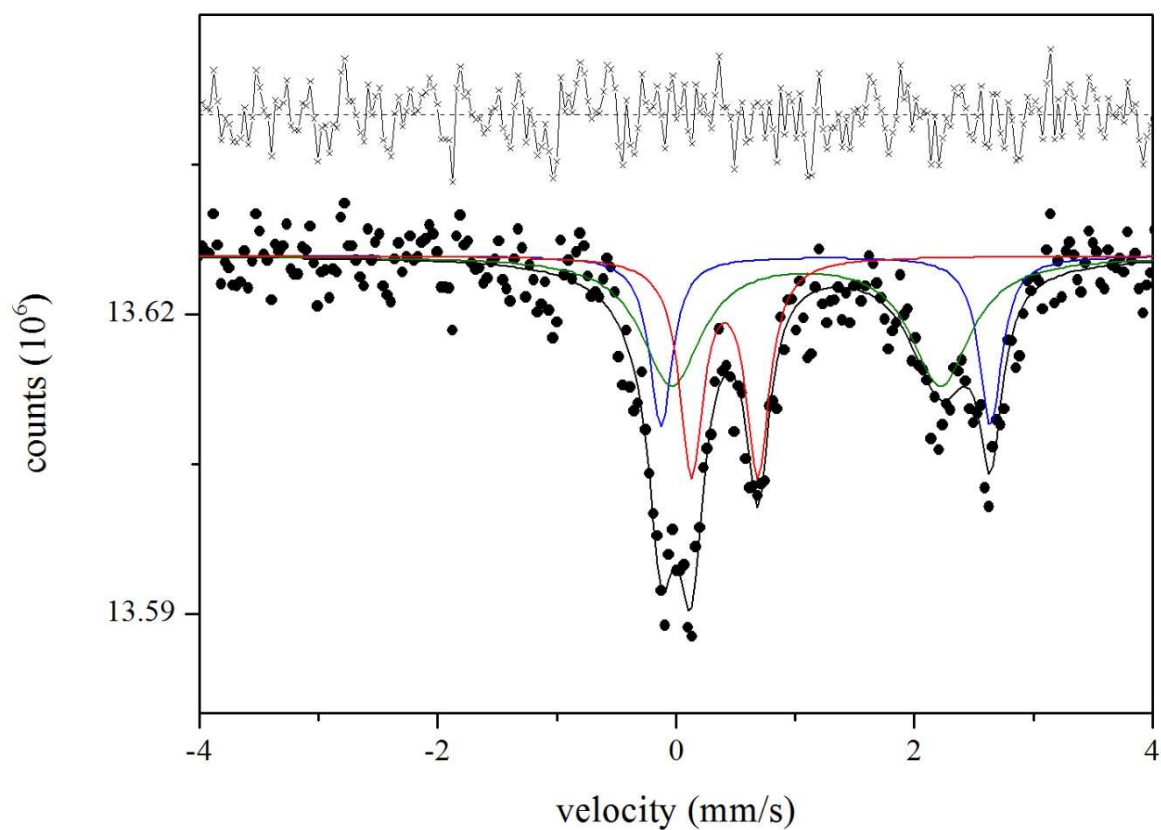


Figure S2. Room temperature Mössbauer spectrum of wollastonite NYAD G. Red line stands for Db1, blue line for Db2 and green line for Db3.

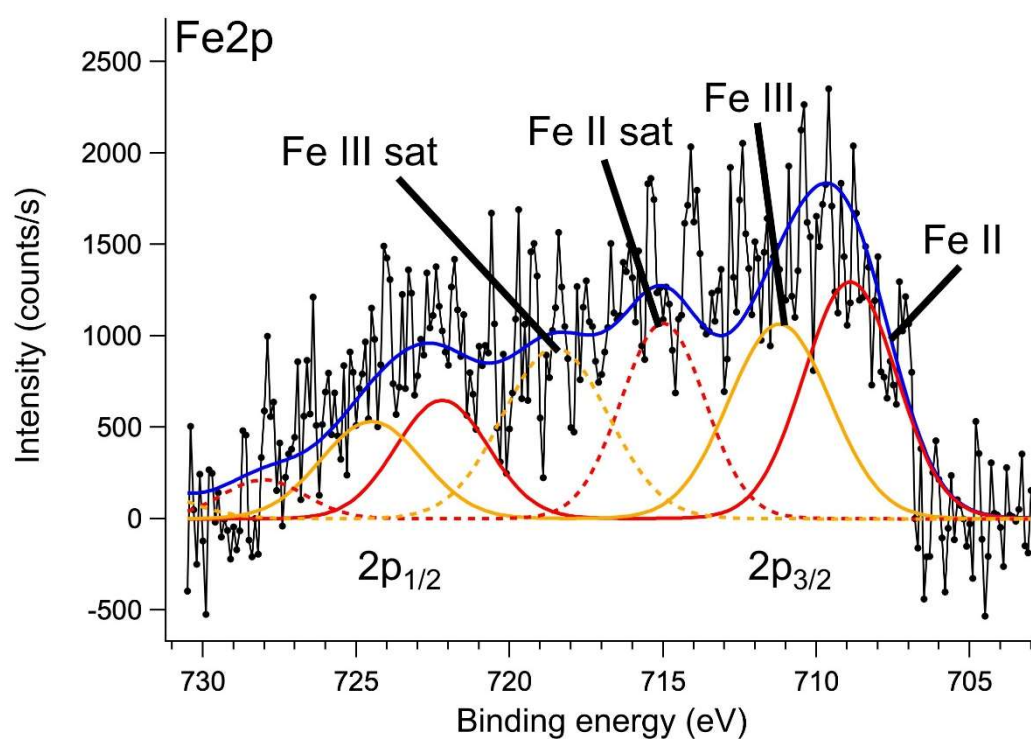


Figure S3. The Fe2p region of XPS spectra of wollastonite NYAD G.

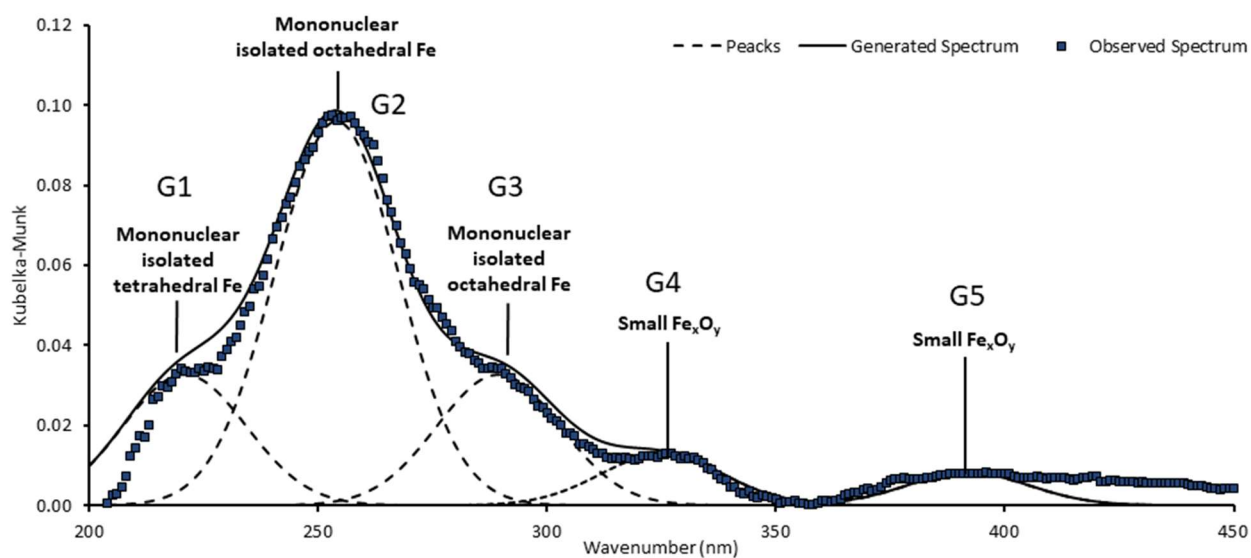


Figure S4. UV-Vis spectrum of wollastonite NYAD G

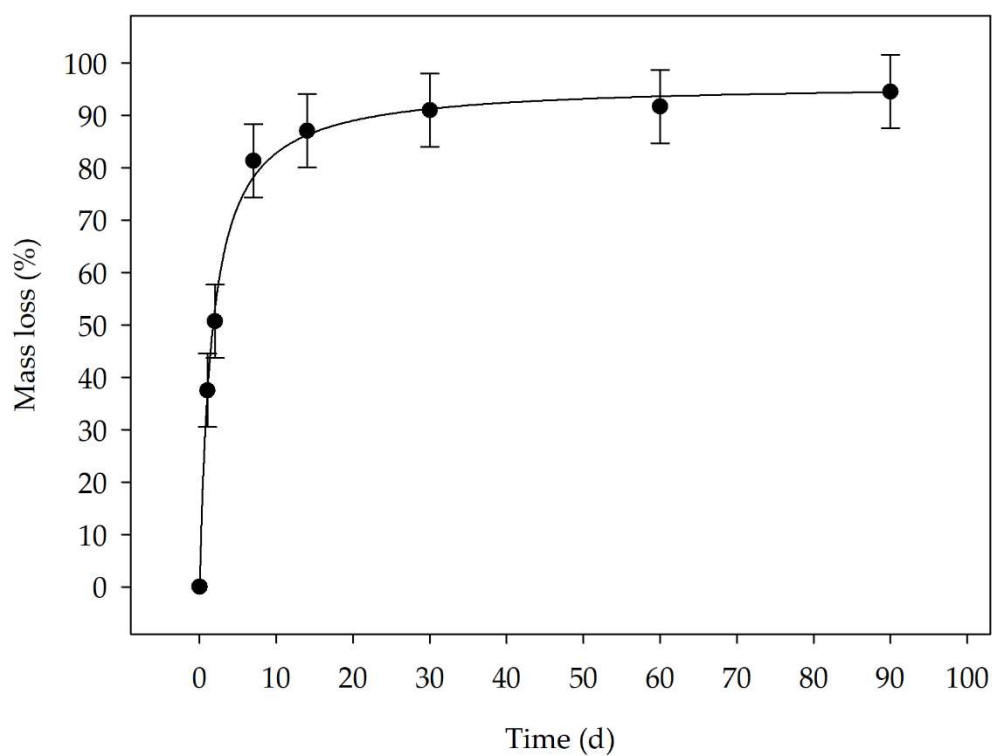


Figure S5. Dissolution curve of wollastonite NYAD G

Table S1. Results of EMPA analysis of wollastonite NYAD G

Label	MnO	MgO	SiO ₂	FeO	CaO	Tot.	Label	MnO	MgO	SiO ₂	FeO	CaO	Tot.
W1	0.15	n.d.	50.86	0.50	48.50	100	W33	0.24	0.059	51.05	0.56	48.09	100
W2	0.10	0.052	51.09	0.44	48.32	100	W34	0.17	0.028	50.96	0.55	48.29	100
W3	0.15	0.005	51.05	0.77	48.03	100	W35	0.21	0.026	51.05	0.40	48.32	100
W4	0.14	n.d.	50.94	0.44	48.48	100	W36	0.12	0.019	50.91	0.62	48.33	100
W5	0.14	0.022	51.02	0.42	48.39	100	W37	0.13	0.046	51.13	0.37	48.33	100
W6	0.13	0.047	51.21	0.37	48.25	100	W38	0.19	0.006	50.91	0.54	48.35	100
W7	0.19	0.056	51.08	0.53	48.15	100	W39	0.14	n.d.	50.96	0.45	48.44	100
W8	0.09	0.001	51.16	0.43	48.31	100	W40	0.16	n.d.	50.99	0.43	48.42	100
W9	0.16	0.027	50.99	0.42	48.41	100	W41	0.07	0.025	50.95	0.35	48.61	100
W10	0.13	0.045	51.30	0.48	48.04	100	W42	0.13	0.004	50.81	0.41	48.65	100
W11	0.10	0.004	50.69	0.41	48.80	100	W43	0.16	0.020	50.97	0.36	48.48	100
W12	0.15	0.068	50.98	0.61	48.20	100	W44	0.12	0.057	50.79	0.59	48.44	100
W13	0.20	0.026	50.87	0.52	48.38	100	W45	0.17	0.002	50.90	0.55	48.38	100
W14	0.16	0.044	51.48	0.51	47.81	100	W46	0.14	0.060	50.60	0.36	48.84	100
W15	0.15	0.043	50.87	0.46	48.47	100	W47	0.20	0.036	50.88	0.49	48.40	100
W16	0.15	0.045	50.85	0.59	48.37	100	W48	0.14	0.049	50.81	0.53	48.47	100
W17	0.21	0.080	50.84	0.58	48.29	100	W49	0.14	0.008	50.86	0.47	48.53	100
W18	0.15	0.054	50.85	0.47	48.48	100	W50	0.22	0.025	50.96	0.37	48.42	100
W19	0.17	0.037	50.88	0.40	48.52	100	W51	0.16	0.045	50.68	0.54	48.58	100
W20	0.13	0.033	50.83	0.37	48.64	100	W52	0.11	0.030	50.94	0.50	48.43	100
W21	0.14	0.049	50.65	0.38	48.78	100	W53	0.14	0.021	50.90	0.44	48.50	100
W22	0.23	0.031	50.93	0.44	48.37	100	W54	0.16	0.031	50.93	0.48	48.40	100
W23	0.11	0.045	50.91	0.59	48.35	100	W55	0.13	0.041	50.88	0.56	48.39	100
W24	0.18	0.060	50.67	0.41	48.68	100	W56	0.17	0.065	50.86	0.42	48.50	100
W25	0.12	0.024	50.89	0.54	48.43	100	W57	0.18	0.075	51.09	0.54	48.11	100
W26	0.20	0.006	50.67	0.77	48.35	100	W58	0.09	0.033	50.89	0.51	48.48	100
W27	0.14	0.055	50.76	0.47	48.57	100	W59	0.09	0.028	50.85	0.47	48.56	100
W28	0.11	0.026	50.96	0.47	48.43	100	W60	0.16	0.010	50.93	0.42	48.48	100
W29	0.15	n.d.	50.84	0.40	48.60	100	W61	0.18	0.028	50.73	0.38	48.69	100
W30	0.15	0.036	50.77	0.61	48.43	100	W62	0.18	0.036	50.79	0.55	48.44	100
W31	0.16	0.052	50.98	0.58	48.23	100	W63	0.18	0.001	51.08	0.39	48.36	100
W32	0.14	n.d.	50.89	0.46	48.51	100	Average	0.15	0.03	50.92	0.48	48.42	100