

Table S8 - Glass

Glass	G2				G3					G4				
	35	37	average	σ	26	30	58	average	σ	7	15	21	average	σ
SiO ₂	64.65	62.46	63.56	1.55	56.99	56.77	55.02	56.26	1.08	54.69	51.3	53.27	53.09	1.70
TiO ₂	0.41	0.67	0.54	0.18	1.75	1.29	0.86	1.30	0.45	0.11	1.6	1.40	1.04	0.81
Cr ₂ O ₃	0.03	0.02	0.03	0.01	0	0	0			0	0	0		
Al ₂ O ₃	15.43	14.39	14.91	0.74	15.24	14.44	17.15	15.61	1.39	17.31	16.09	16.33	16.58	0.65
FeO	9.04	11.47	10.26	1.72	12.95	14.46	14.06	13.82	0.78	16.99	18.3	16.62	17.30	0.88
MnO	0.49	0.57	0.53	0.06	0.39	0.52	0.43	0.45	0.07	0.80	1.06	0.84	0.90	0.14
MgO	1.16	1.35	1.26	0.13	1.5	2.31	1.19	1.67	0.58	1.63	1.61	1.08	1.44	0.31
CaO	0.58	0.43	0.505	0.11	5.02	2.44	7.13	4.86	2.35	6.29	6.24	6.84	6.46	0.33
Na ₂ O	2.78	2.94	2.86	0.11	1.22	0.70	1.10	1.01	0.27	0.38	0.04	0.07	0.16	0.19
K ₂ O	3.78	3.24	3.51	0.38	1.37	2.75	0.20	1.44	1.28	0.21	0.35	0.47	0.34	0.13
Σ	98.35	97.54	97.95	0.57	96.43	95.72	99.13	97.09	1.80	98.41	96.59	96.92	97.31	0.97

TAF500							TAF501								
8	10	10'	11	69	average	σ	21	19	28	31	38	39	44	average	σ
49.60	45.91	48.72	46.73	47.99	47.79	1.49	53.3	51.16	50.67	55.34	53.17	51.80	46.61	51.72	2.75
3.09	3.53	3.63	3.79	4.04	3.62	0.35	0.64	1.47	0.67	0.99	2.75	2.60	2.99	1.73	1.03
0	0	0.01	0	0.01	0	0.01	0.02	0.03	0	0.02	0	0	0	0.01	0.01
16.76	15.07	17.76	15.93	16.44	16.39	1.00	16.17	16.5	15.49	16.68	15.87	15.68	16.14	16.08	0.43
17.48	17.04	18.86	19.48	19.65	18.50	1.18	20.14	21.08	22.71	18.71	17.87	19.34	21.46	20.19	1.69
0.87	0.79	0.84	0.79	0.72	0.80	0.06	0.72	0.74	0.74	0.6	0.66	0.70	0.65	0.69	0.05
1.93	2.89	2.62	4.19	3.62	3.05	0.88	2.94	2.04	4.4	2.18	2.86	2.81	2.31	2.79	0.79
6.44	5.30	6.22	5.17	5.65	5.76	0.56	4.72	5.94	2.12	3.4	5.08	5.27	6.90	4.78	1.59
0.11	0.10	0.02	0.05	0.07	0.07	0.04	0.44	0.10	0.59	1.27	0.51	0.67	0.02	0.51	0.41
0.10	0.19	0.07	0.08	0.08	0.11	0.05	0.07	0.06	0.11	0.25	0.29	0.20	0.01	0.14	0.11
96.39	90.83	98.75	96.21	98.27	96.10	3.15	99.16	99.11	97.50	99.44	99.07	99.27	97.09	98.66	0.95