S2 Table: LA-ICP-MS data of glass standards in comparison with published values

	Li_2O	B_2O_3	Na_2O	MgO	Al_2O_3	SiO_2	P_2O_5	Cl	K_2O	CaO	TiO_2	V_2O_5	MnO	Fe_2O_3	CoO	NiO	CuO	Rb_2O	SrO	ZrO_2	SnO_2	Sb_2O_3	BaO	PbO	Bi														
Corning A (n=63)	0.01	0.21	13.84	2.51	0.91	66.87	0.12	0.13	2.85	5.78	0.78	0.01	1.02	1.10	0.17	0.02	1.16	0.01	0.10	0.01	0.17	1.62	0.45	0.06	0.00														
relative σ	5.94	3.49	1.29	2.52	3.04	0.47	11.93	11.42	1.75	2.07	2.23	1.96	2.30	3.18	2.29	3.10	2.52	1.64	1.60	4.01	1.84	1.71	2.41	4.83	2.75														
Vicenzi[1]	0.01	0.20	14.30	2.66	1.00	66.56	0.13	0.10	2.87	5.03	0.79	0.01	1.00	1.09	0.17	0.02	1.17	0.01	0.10	0.01	0.19	1.58	0.56	0.073[2]	0.001														
accuracy	3.87	3.66	3.23	5.83	8.56	0.47	9.69	34.71	0.58	14.97	1.54	5.11	1.68	1.31	0.33	12.92	1.25	5.54	2.67	7.22	12.07	2.65	19.13	12.54	14.70														
NIST612 (n=59)			13.54		2.08	72.53				11.54																													
relative σ			1.16		3.12	0.43				1.69																													
Jochum[3]			14.00		2.06	71.70				11.93																													
accuracy			3.28		0.96	1.15				3.30																													
	V	**Cr**	**Mn**	**Co**	**Ni**	**Cu**	**Zn**	**Ga**	**As**	**Rb**	**Sr**	**Y**	**Zr**	**Nb**	**Mo**	**In**	**Sn**	**Sb**	**Cs**	**Ba**	**La**	**Ce**	**Pr**	**Nd**	**Sm**	**Eu**	**Gd**	**Tb**	**Dy**	**Ho**	**Er**	**Tm**	**Yb**	**Lu**	**Hf**	**Ta**	**Pb**	**Bi**	**U**
NIST612 (n=69)	37.51	35.76	40.26	35.55	37.62	36.65	36.61	36.53	34.45	31.88	75.82	37.40	37.44	34.83	32.84	37.33	34.25	35.90	41.17	36.28	37.92	38.36	36.97	35.26	37.11	36.26	34.68	37.30	34.31	37.95	35.26	35.67	38.64	36.77	35.20	31.27	32.48	30.02	37.61
relative σ	1.99	8.73	2.47	2.77	3.14	3.90	3.04	2.18	4.38	1.54	2.22	1.37	1.89	2.36	2.46	2.06	2.13	6.65	1.69	1.55	4.21	4.44	2.67	2.03	2.21	1.46	5.91	1.48	1.51	1.64	2.16	1.87	2.47	2.05	1.71	1.39	11.27	2.64	3.06
Jochum[3]	39.90	36.26	39.40	34.82	37.90	38.70	41.20	36.90	36.80	31.07	78.51	40.14	40.36	41.54	35.79	38.90	40.90	36.40	42.14	39.37	34.65	37.25	37.31	34.96	37.15	35.60	38.56	39.96	36.15	38.69	38.86	36.80	39.84	37.00	37.13	38.17	38.60	30.20	37.68
accuracy	5.98	1.37	2.19	2.09	0.74	5.29	11.13	1.00	6.40	2.60	3.42	6.83	7.22	16.16	8.25	4.05	16.27	1.37	2.30	7.86	9.44	2.99	0.91	0.87	0.12	1.86	10.05	6.66	5.09	1.91	9.26	3.07	3.00	0.62	5.19	18.08	15.85	0.60	0.20

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