Supplementary information for "**Evaluating bulk $Nb_2O_2F_3$ for Li-battery electrode application.**"

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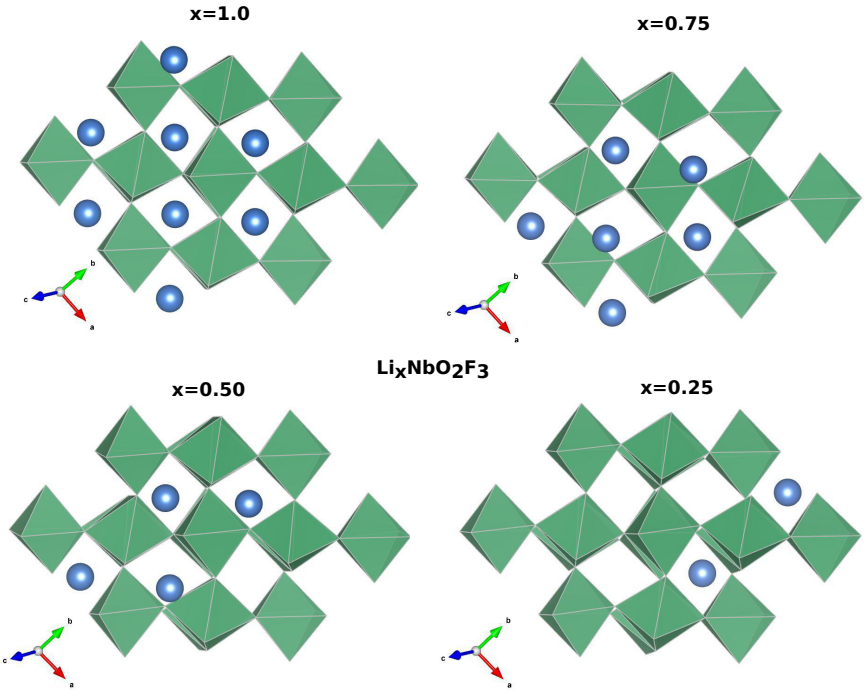

Figure: Crystal structure representation of $Li_xNbO_2F_3$ with x= 0.25, 0.5, 0.75 and 1. Here, for x=1 is the maximum amount of lithium that can be inserted into the $Nb_2O_2F_3$ crystal framework.

Table 01: Lattice parameters of $Li_xNb_2O_2F_3$ with x= 0.25, 0.5, 0.75 and 1.

	a (Å)	**b (Å)**	**c (Å)**	**α (°)**	**β(°)**	**γ (°)**	**V (Å^3)**
0.0	5.18	5.72	6.97	108.92	111.68	90.03	179.58
0.25	5.21	5.77	7.01	108.22	112.25	89.90	182.45
0.5	5.23	5.76	7.03	108.26	112.02	89.99	185.15
0.75	5.27	5.76	7.08	108.06	112.40	89.88	187.69
1	5.28	5.78	7.09	108.29	112.05	90.00	189.10