

**Table 1**

Space group: FD-3m						
Atom	Site	x	y	z	Occupancy	B(Å <sup>2</sup> )
Li <sub>1</sub>	8a	0	0	0	1	1.78(36) <sup>a</sup>
Li <sub>2</sub>	16d	0.6250	0.6250	0.6250	0.1658(2)	1.78(36) <sup>a</sup>
Ti <sub>1</sub>	16d	0.6250	0.6250	0.6250	0.8332(2)	0.88(11) <sup>a</sup>
O <sub>1</sub>	32e	0.3881	0.3881	0.3881	1	0.98(5) <sup>a</sup>
Cell parameters						a=8.3553Å
R <sub>wp</sub>						7.24%
R <sub>exp</sub>						1.96%
R <sub>I</sub>						5.4%