

No. 1C-a48 BaTiO₃–LaAlO₃

1b, Transition temperature and lattice parameter: Table 1C-a48-001.
3a

Table 1C-a48-001. (1–x)BaTiO₃·x LaAlO₃. Lattice parameters and Θ_f [58Ism].

Composition x	<i>a</i> [Å]	<i>c</i> [Å]	<i>c/a</i>	<i>V</i> [Å ³]	Θ_f [°C]
0	3.9956	4.0352	1.0100	64.42	+120
0.010	3.9951	4.0345	1.0098	64.39	+ 87
0.025	3.9949	4.0293	1.0086	64.30	+ 46
0.050	4.0050			64.24	–14
0.075	4.0011			64.05	–85
0.100	3.9984			63.92	–133
0.125	3.9950			63.76	
0.150	3.9906			63.55	
0.250	3.9800			63.04	
1.000	3.7950			54.65	

Reference

58Ism Ismailzade, I.G.: Izv. Akad. Nauk SSSR, Ser. Fiz. **22** (1958) 1483; Bull. Acad. Sci. USSR, Phys. Ser. (English Transl.) **22** (1958) 1478.