

Table I. Experimental XRD Pattern of BaTiO₃ Powders

<i>hkl</i>	<i>d</i> _{calc}	<i>d</i> _{obs}	<i>I</i> / <i>I</i> ₀
100	4.0185	4.0200	21
110	2.8727	2.8420	100
111	2.3201	2.3205	22
200	2.0093	2.0099	28
210	1.7972	1.7973	7
211	1.6406	1.6406	24
220	1.4208	1.4209	12
300	1.3395	1.3395	4
310	1.2708	1.2708	9
311	1.2116	1.2116	5
222	1.1601	1.1600	5
320	1.1145	1.1145	2
321	1.0740	1.0740	11

Cubic

Space group: *Pm-3m*

a = 4.0186 Å

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(1999).