

MPG No. 10.2.33  $\bar{4}1'$  [ Type II, tetragonal ]

Table 1: Wyckoff site: **1o**, site symmetry: **-41'**

No.	position	mapping
1	[0, 0, 0]	[1,2,3,4,5,6,7,8]

Table 2: Wyckoff site: **2a**, site symmetry: **2..**

No.	position	mapping
1	[0, 0, $z$ ]	[1,2,5,6]
2	[0, 0, $-z$ ]	[3,4,7,8]

Table 3: Wyckoff site: **4b**, site symmetry: **1**

No.	position	mapping
1	[ $x$ , $y$ , $z$ ]	[1,5]
2	[ $-x$ , $-y$ , $z$ ]	[2,6]
3	[ $y$ , $-x$ , $-z$ ]	[3,7]
4	[ $-y$ , $x$ , $-z$ ]	[4,8]