

MPG No. 11.2.36 $4/m1'$ [Type II, tetragonal]

Table 1: Wyckoff site: **1o**, site symmetry: $4/m1'$

No.	position	mapping
1	[0, 0, 0]	[1,2,3,4,5,6,7,8,9,10,11,12,13,14,15,16]

Table 2: Wyckoff site: **2a**, site symmetry: $4..$

No.	position	mapping
1	[0, 0, z]	[1,2,3,4,9,10,11,12]
2	[0, 0, -z]	[5,6,7,8,13,14,15,16]

Table 3: Wyckoff site: **4b**, site symmetry: $m..$

No.	position	mapping
1	[x, y, 0]	[1,6,9,14]
2	[-x, -y, 0]	[2,5,10,13]
3	[-y, x, 0]	[3,8,11,16]
4	[y, -x, 0]	[4,7,12,15]

Table 4: Wyckoff site: **8c**, site symmetry: 1

No.	position	mapping
1	[x, y, z]	[1,9]
2	[-x, -y, z]	[2,10]
3	[-y, x, z]	[3,11]
4	[y, -x, z]	[4,12]
5	[-x, -y, -z]	[5,13]
6	[x, y, -z]	[6,14]
7	[y, -x, -z]	[7,15]
8	[-y, x, -z]	[8,16]