

MSG No. 25.57 *Pmm2* [Type I, orthorhombic]

Table 1: Wyckoff site: **1a**, site symmetry: **mm2**

No.	position	mapping
1	[0, 0, z]	[1, 2, 3, 4]

Table 2: Wyckoff site: **1b**, site symmetry: **mm2**

No.	position	mapping
1	[0, $\frac{1}{2}$, z]	[1, 2, 3, 4]

Table 3: Wyckoff site: **1c**, site symmetry: **mm2**

No.	position	mapping
1	[$\frac{1}{2}$, 0, z]	[1, 2, 3, 4]

Table 4: Wyckoff site: **1d**, site symmetry: **mm2**

No.	position	mapping
1	[$\frac{1}{2}$, $\frac{1}{2}$, z]	[1, 2, 3, 4]

Table 5: Wyckoff site: **2e**, site symmetry: **.m.**

No.	position	mapping
1	[x , 0, z]	[1, 4]
2	[$-x$, 0, z]	[2, 3]

Table 6: Wyckoff site: **2f**, site symmetry: **.m.**

No.	position	mapping
1	[x , $\frac{1}{2}$, z]	[1, 4]
2	[$-x$, $\frac{1}{2}$, z]	[2, 3]

Table 7: Wyckoff site: 2g, site symmetry: m..

No.	position	mapping
1	[0, y , z]	[1,3]
2	[0, $-y$, z]	[2,4]

Table 8: Wyckoff site: 2h, site symmetry: m..

No.	position	mapping
1	[$\frac{1}{2}$, y , z]	[1,3]
2	[$\frac{1}{2}$, $-y$, z]	[2,4]

Table 9: Wyckoff site: 4i, site symmetry: 1

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