

MSG No. 11.50 $P2_1/m$ [Type I, monoclinic]

Table 1: Wyckoff site: **2a**, site symmetry: **-1**

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

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

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

Table 3: Wyckoff site: **2c**, site symmetry: **-1**

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

Table 4: Wyckoff site: **2d**, site symmetry: **-1**

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

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

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

Table 6: Wyckoff site: **4f**, site symmetry: **1**

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

continued ...

Table 6

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