

MSG No. 3.4 P_a2 [Type IV, monoclinic]

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

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

Table 2: Wyckoff site: 2b, site symmetry: 2

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

Table 3: Wyckoff site: 2c, site symmetry: 2'

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

Table 4: Wyckoff site: 2d, site symmetry: 2'

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

Table 5: Wyckoff site: 4e, site symmetry: 1

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