

MSG No. 13.68 $P2/c'$ [Type III, monoclinic]

Table 1: Wyckoff site: 2a, site symmetry: $-1'$

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

Table 2: Wyckoff site: 2b, site symmetry: $-1'$

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

Table 3: Wyckoff site: 2c, site symmetry: $-1'$

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

Table 4: Wyckoff site: 2d, site symmetry: $-1'$

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

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

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

Table 6: Wyckoff site: 2f, site symmetry: 2

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

Table 7: Wyckoff site: $4g$, site symmetry: 1

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