

MSG No. 4.11 P_b2_1 [Type IV, monoclinic]

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

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

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

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

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

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

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

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

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

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