

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]