

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	$[\frac{1}{2} - x, y, -z]$	$[4]$