

MSG No. 6.22 $P_b m$ [Type IV, monoclinic]

Table 1: Wyckoff site: 2a, site symmetry: \mathbf{m}

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

Table 2: Wyckoff site: 2b, site symmetry: \mathbf{m}'

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

Table 3: Wyckoff site: 4c, site symmetry: $\mathbf{1}$

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