

MSG No. 26.71 P_4mc2_1 [Type IV, orthorhombic]

Table 1: Wyckoff site: 4a, site symmetry: $m..$

No.	position	mapping
1	$[0, y, z]$	$[1, 3]$
2	$[0, -y, z + \frac{1}{2}]$	$[2, 4]$
3	$[\frac{1}{2}, y, z]$	$[5, 7]$
4	$[\frac{1}{2}, -y, z + \frac{1}{2}]$	$[6, 8]$

Table 2: Wyckoff site: 4b, site symmetry: $m'..$

No.	position	mapping
1	$[\frac{1}{4}, y, z]$	$[1, 7]$
2	$[\frac{3}{4}, -y, z + \frac{1}{2}]$	$[2, 8]$
3	$[\frac{3}{4}, y, z]$	$[3, 5]$
4	$[\frac{1}{4}, -y, z + \frac{1}{2}]$	$[4, 6]$

Table 3: Wyckoff site: 8c, site symmetry: 1

No.	position	mapping
1	$[x, y, z]$	$[1]$
2	$[-x, -y, z + \frac{1}{2}]$	$[2]$
3	$[-x, y, z]$	$[3]$
4	$[x, -y, z + \frac{1}{2}]$	$[4]$
5	$[x + \frac{1}{2}, y, z]$	$[5]$
6	$[\frac{1}{2} - x, -y, z + \frac{1}{2}]$	$[6]$
7	$[\frac{1}{2} - x, y, z]$	$[7]$
8	$[x + \frac{1}{2}, -y, z + \frac{1}{2}]$	$[8]$