

MPG No. 7.4.23 $m'm'2$ [Type III, orthorhombic]

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

No.	position	mapping
1	$[0, 0, z]$	$[1, 2, 3, 4]$

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

No.	position	mapping
1	$[x, 0, z]$	$[1, 4]$
2	$[-x, 0, z]$	$[2, 3]$

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

No.	position	mapping
1	$[0, y, z]$	$[1, 3]$
2	$[0, -y, z]$	$[2, 4]$

Table 4: Wyckoff site: 4d, site symmetry: 1

No.	position	mapping
1	$[x, y, z]$	$[1]$
2	$[-x, -y, z]$	$[2]$
3	$[x, -y, z]$	$[4]$
4	$[-x, y, z]$	$[3]$