

MPG No. 6.3.19  $2'2'2$  ( $2'2'2$  setting) [ Type III, orthorhombic ]

Table 1: Wyckoff site:  $1\mathbf{o}$ , site symmetry:  $2'2'2$

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

Table 2: Wyckoff site:  $2\mathbf{a}$ , site symmetry:  $2'..$

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

Table 3: Wyckoff site:  $2\mathbf{b}$ , site symmetry:  $.2'.$

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

Table 4: Wyckoff site:  $2\mathbf{c}$ , site symmetry:  $..2$

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

Table 5: Wyckoff site:  $4\mathbf{d}$ , site symmetry:  $1$

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