

SG No. 44  $C_{2v}^{20}$   $Imm2$  [ orthorhombic ]

\* plus set:  $+ [0, 0, 0], \quad + [\frac{1}{2}, \frac{1}{2}, \frac{1}{2}]$

Table 1: Wyckoff site: 2a, site symmetry:  $mm2$

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

Table 2: Wyckoff site: 2b, site symmetry:  $mm2$

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

Table 3: Wyckoff site: 4c, site symmetry:  $.m.$

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

Table 4: Wyckoff site: 4d, site symmetry:  $m..$

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

Table 5: Wyckoff site: 8e, site symmetry:  $1$

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