

# SG No. 37 $C_{2v}^{13}$ $Ccc2$ [ orthorhombic ]

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

Table 1: Wyckoff site: **4a**, site symmetry:  $\dots 2$

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

Table 2: Wyckoff site: **4b**, site symmetry:  $\dots 2$

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

Table 3: Wyckoff site: **4c**, site symmetry:  $\dots 2$

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

Table 4: Wyckoff site: **8d**, site symmetry:  $1$

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