

SG No. 46 C_{2v}^{22} $Ima2$ [orthorhombic]

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

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

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

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

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

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

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