

SG No. 35 C_{2v}^{11} $Cmm2$ [orthorhombic]

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

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: $. . 2$

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

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

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

Table 5: Wyckoff site: 4e, site symmetry: $m. .$

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

Table 6: Wyckoff site: 8f, site symmetry: 1

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

continued ...

Table 6

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