

SG No. 28 C_{2v}^4 $Pma2$ [orthorhombic]

* plus set: + [0, 0, 0]

Table 1: Wyckoff site: 2a, site symmetry: ..2

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

Table 2: Wyckoff site: 2b, site symmetry: ..2

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

Table 3: Wyckoff site: 2c, site symmetry: m..

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

Table 4: Wyckoff site: 4d, 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]