

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]