

PG No. 6 D_2 222 [orthorhombic]

* Wyckoff site: 2a, site symmetry: 2..

Table 1: Wyckoff bond: 2a@2a

No.	vector	center	mapping
1	[0, Y, Z]	[x, 0, 0]	[1, -4]
2	[0, -Y, Z]	[-x, 0, 0]	[2, -3]

Table 2: Wyckoff bond: 2b@2a

No.	vector	center	mapping
1	[X, 0, 0]	[x, 0, 0]	[1, 4]
2	[-X, 0, 0]	[-x, 0, 0]	[2, 3]

Table 3: Wyckoff bond: 4c@2a

No.	vector	center	mapping
1	[X, Y, Z]	[x, 0, 0]	[1]
2	[-X, -Y, Z]	[-x, 0, 0]	[2]
3	[-X, Y, -Z]	[-x, 0, 0]	[3]
4	[X, -Y, -Z]	[x, 0, 0]	[4]

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

Table 4: Wyckoff bond: 2a@2b

No.	vector	center	mapping
1	[X, 0, Z]	[0, y, 0]	[1, -3]
2	[-X, 0, Z]	[0, -y, 0]	[2, -4]

Table 5: Wyckoff bond: 2b@2b

No.	vector	center	mapping
1	[0, Y, 0]	[0, y, 0]	[1, 3]
2	[0, -Y, 0]	[0, -y, 0]	[2, 4]

Table 6: Wyckoff bond: 4c@2b

No.	vector	center	mapping
1	$[X, Y, Z]$	$[0, y, 0]$	[1]
2	$[-X, -Y, Z]$	$[0, -y, 0]$	[2]
3	$[-X, Y, -Z]$	$[0, y, 0]$	[3]
4	$[X, -Y, -Z]$	$[0, -y, 0]$	[4]

* Wyckoff site: 2c, site symmetry: $\dots 2$

Table 7: Wyckoff bond: 2a@2c

No.	vector	center	mapping
1	$[X, Y, 0]$	$[0, 0, z]$	[1, -2]
2	$[-X, Y, 0]$	$[0, 0, -z]$	[3, -4]

Table 8: Wyckoff bond: 2b@2c

No.	vector	center	mapping
1	$[0, 0, Z]$	$[0, 0, z]$	[1, 2]
2	$[0, 0, -Z]$	$[0, 0, -z]$	[3, 4]

Table 9: Wyckoff bond: 4c@2c

No.	vector	center	mapping
1	$[X, Y, Z]$	$[0, 0, z]$	[1]
2	$[-X, -Y, Z]$	$[0, 0, z]$	[2]
3	$[-X, Y, -Z]$	$[0, 0, -z]$	[3]
4	$[X, -Y, -Z]$	$[0, 0, -z]$	[4]

* Wyckoff site: 4d, site symmetry: 1

Table 10: Wyckoff bond: 4a@4d

No.	vector	center	mapping
1	$[X, Y, Z]$	$[x, y, z]$	[1]
2	$[-X, -Y, Z]$	$[-x, -y, z]$	[2]
3	$[-X, Y, -Z]$	$[-x, y, -z]$	[3]
4	$[X, -Y, -Z]$	$[x, -y, -z]$	[4]