SG No. 43 C_{2v}^{19} $Fdd2$ [orthorhombic]

* plus set: $+[0,\,0,\,0]$, $+\left[0,\,\frac{1}{2},\,\frac{1}{2}\right]$, $+\left[\frac{1}{2},\,0,\,\frac{1}{2}\right]$, $+\left[\frac{1}{2},\,\frac{1}{2},\,0\right]$
* Wyckoff site: `8a`, site symmetry: `..2`

Table 1: Wyckoff bond: `8a@8a`

No.	vector	center	mapping
1	$[X,\,Y,\,0]$	$[0,\,0,\,z]$	`[1,-2]`
2	$[X,\,-Y,\,0]$	$\left[\frac{1}{4},\,\frac{1}{4},\,z+\frac{1}{4}\right]$	`[3,-4]`

Table 2: Wyckoff bond: `8b@8a`

No.	vector	center	mapping
1	$[0,\,0,\,Z]$	$[0,\,0,\,z]$	`[1,2]`
2	$[0,\,0,\,Z]$	$\left[\frac{1}{4},\,\frac{1}{4},\,z+\frac{1}{4}\right]$	`[3,4]`

Table 3: Wyckoff bond: `16c@8a`

No.	vector	center	mapping
1	$[X,\,Y,\,Z]$	$[0,\,0,\,z]$	`[1]`
2	$[-X,\,-Y,\,Z]$	$[0,\,0,\,z]$	`[2]`
3	$[X,\,-Y,\,Z]$	$\left[\frac{1}{4},\,\frac{1}{4},\,z+\frac{1}{4}\right]$	`[3]`
4	$[-X,\,Y,\,Z]$	$\left[\frac{1}{4},\,\frac{1}{4},\,z+\frac{1}{4}\right]$	`[4]`

* Wyckoff site: `16b`, site symmetry: `1`

Table 4: Wyckoff bond: `16a@16b`

No.	vector	center	mapping
1	$[X,\,Y,\,Z]$	$[x,\,y,\,z]$	`[1]`
2	$[-X,\,-Y,\,Z]$	$[-x,\,-y,\,z]$	`[2]`
3	$[X,\,-Y,\,Z]$	$\left[x+\frac{1}{4},\,\frac{1}{4}-y,\,z+\frac{1}{4}\right]$	`[3]`
4	$[-X,\,Y,\,Z]$	$\left[\frac{1}{4}-x,\,y+\frac{1}{4},\,z+\frac{1}{4}\right]$	`[4]`