SG No. 15 C_{2h}^{6} $C2/c$ (b-axis setting) [monoclinic]

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

Table 1: Wyckoff site: `4a`, site symmetry: `-1`

No.	position	mapping
1	$[0,\ 0,\ 0]$	`[1,3]`
2	$\left[0,\ 0,\ \frac{1}{2}\right]$	`[2,4]`

Table 2: Wyckoff site: `4b`, site symmetry: `-1`

No.	position	mapping
1	$\left[0,\ \frac{1}{2},\ 0\right]$	`[1,3]`
2	$\left[0,\ \frac{1}{2},\ \frac{1}{2}\right]$	`[2,4]`

Table 3: Wyckoff site: `4c`, site symmetry: `-1`

No.	position	mapping
1	$\left[\frac{1}{4},\ \frac{1}{4},\ 0\right]$	`[1,3]`
2	$\left[\frac{3}{4},\ \frac{1}{4},\ \frac{1}{2}\right]$	`[2,4]`

Table 4: Wyckoff site: `4d`, site symmetry: `-1`

No.	position	mapping
1	$\left[\frac{1}{4},\ \frac{1}{4},\ \frac{1}{2}\right]$	`[1,3]`
2	$\left[\frac{3}{4},\ \frac{1}{4},\ 0\right]$	`[2,4]`

Table 5: Wyckoff site: `4e`, site symmetry: `2`

No.	position	mapping
1	$\left[0,\ y,\ \frac{1}{4}\right]$	`[1,2]`
2	$\left[0,\ -y,\ \frac{3}{4}\right]$	`[3,4]`

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

No.	position	mapping
1	$[x,\, y,\, z]$	`[1]`
2	$\left[-x,\, y,\, \frac{1}{2}-z\right]$	`[2]`
3	$[-x,\, -y,\, -z]$	`[3]`
4	$\left[x,\, -y,\, z+\frac{1}{2}\right]$	`[4]`