MSG No. 45.237 $Ib'a2'$ [Type III, orthorhombic]

Table 1: Wyckoff site: `4a`, site symmetry: `..2'`

No.	position	mapping
1	$[0,\ 0,\ z]$	`[1,3]`
2	$\left[0,\ 0,\ z+\frac{1}{2}\right]$	`[2,4]`
3	$\left[\frac{1}{2},\ \frac{1}{2},\ z+\frac{1}{2}\right]$	`[5,7]`
4	$\left[\frac{1}{2},\ \frac{1}{2},\ z\right]$	`[6,8]`

Table 2: Wyckoff site: `4b`, site symmetry: `..2'`

No.	position	mapping
1	$\left[0,\ \frac{1}{2},\ z\right]$	`[1,3]`
2	$\left[0,\ \frac{1}{2},\ z+\frac{1}{2}\right]$	`[2,4]`
3	$\left[\frac{1}{2},\ 0,\ z+\frac{1}{2}\right]$	`[5,7]`
4	$\left[\frac{1}{2},\ 0,\ z\right]$	`[6,8]`

Table 3: Wyckoff site: `8c`, site symmetry: `1`

No.	position	mapping
1	$[x,\ y,\ z]$	`[1]`
2	$\left[x,\ -y,\ z+\frac{1}{2}\right]$	`[2]`
3	$[-x,\ -y,\ z]$	`[3]`
4	$\left[-x,\ y,\ z+\frac{1}{2}\right]$	`[4]`
5	$\left[x+\frac{1}{2},\ y+\frac{1}{2},\ z+\frac{1}{2}\right]$	`[5]`
6	$\left[x+\frac{1}{2},\ \frac{1}{2}-y,\ z\right]$	`[6]`
7	$\left[\frac{1}{2}-x,\ \frac{1}{2}-y,\ z+\frac{1}{2}\right]$	`[7]`
8	$\left[\frac{1}{2}-x,\ y+\frac{1}{2},\ z\right]$	`[8]`