MSG No. 31.133 $P_C mn2_1$ [Type IV, orthorhombic]

Table 1: Wyckoff site: 4a, site symmetry: m..

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

Table 2: Wyckoff site: 8b, site symmetry: 1

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