MSG No. 40.207 *Am'a'2* [Type III, orthorhombic]

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

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

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

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

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

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