MSG No. 103.197 $P4'c'c$ [Type III, tetragonal]

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

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

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

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

Table 3: Wyckoff site: 4c, site symmetry: 2..

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

Table 4: Wyckoff site: 8d, site symmetry: 1

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