

MSG No. 41.213 $Ab'a2'$ [Type III, orthorhombic]

Table 1: Wyckoff site: **4a**, site symmetry: $\dots 2'$

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

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

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