

MSG No. 18.19 $P2_12'_12'$ [Type III, orthorhombic]

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

No.	position	mapping
1	$[0, 0, z]$	[1,4]
2	$[\frac{1}{2}, \frac{1}{2}, -z]$	[2,3]

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

No.	position	mapping
1	$[0, \frac{1}{2}, z]$	[1,4]
2	$[\frac{1}{2}, 0, -z]$	[2,3]

Table 3: Wyckoff site: 4c, site symmetry: 1

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