MSG No. 28.89 $Pm'a2'$ [Type III, orthorhombic]

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

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

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

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

Table 3: Wyckoff site: 2c, site symmetry: m'..

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

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

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