

MSG No. 11.50 $P2_1/m$ [Type I, monoclinic]

Table 1: Wyckoff site: **2a**, site symmetry: -1

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

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

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

Table 3: Wyckoff site: **2c**, site symmetry: -1

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

Table 4: Wyckoff site: **2d**, site symmetry: -1

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

Table 5: Wyckoff site: **2e**, site symmetry: m

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

Table 6: Wyckoff site: **4f**, site symmetry: 1

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

continued ...

Table 6

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