

MSG No. 25.57  $Pmm2$  [ Type I, orthorhombic ]

Table 1: Wyckoff site: 1a, site symmetry:  $mm2$

No.	position	mapping
1	$[0, 0, z]$	$[1, 2, 3, 4]$

Table 2: Wyckoff site: 1b, site symmetry:  $mm2$

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

Table 3: Wyckoff site: 1c, site symmetry:  $mm2$

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

Table 4: Wyckoff site: 1d, site symmetry:  $mm2$

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

Table 5: Wyckoff site: 2e, site symmetry:  $.m.$

No.	position	mapping
1	$[x, 0, z]$	$[1, 4]$
2	$[-x, 0, z]$	$[2, 3]$

Table 6: Wyckoff site: 2f, site symmetry:  $.m.$

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

Table 7: Wyckoff site:  $2g$ , site symmetry:  $m..$

No.	position	mapping
1	$[0, y, z]$	$[1, 3]$
2	$[0, -y, z]$	$[2, 4]$

Table 8: Wyckoff site:  $2h$ , site symmetry:  $m..$

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

Table 9: Wyckoff site:  $4i$ , site symmetry:  $1$

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