

# MPG No. 17.1.62 $\bar{3}$ [ Type I, trigonal ]

Table 1: Wyckoff site:  $1\mathbf{o}$ , site symmetry:  $-3$

No.	position	mapping
1	$[0, 0, 0]$	$[1, 2, 3, 4, 5, 6]$

Table 2: Wyckoff site:  $2\mathbf{a}$ , site symmetry:  $3.$

No.	position	mapping
1	$[0, 0, z]$	$[1, 2, 3]$
2	$[0, 0, -z]$	$[4, 5, 6]$

Table 3: Wyckoff site:  $6\mathbf{b}$ , site symmetry:  $1$

No.	position	mapping
1	$[x, y, z]$	$[1]$
2	$[-y, x - y, z]$	$[2]$
3	$[-x + y, -x, z]$	$[3]$
4	$[-x, -y, -z]$	$[4]$
5	$[y, -x + y, -z]$	$[5]$
6	$[x - y, x, -z]$	$[6]$