

MPG No. 10.3.34  $\bar{4}'$  [ Type III, tetragonal ]

Table 1: Wyckoff site:  $1\mathbf{o}$ , site symmetry:  $-4'$

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

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

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

Table 3: Wyckoff site:  $4\mathbf{b}$ , site symmetry:  $1$

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