

MPG No. 18.2.66 $321'$ ($3211'$ setting) [Type II, trigonal]

Table 1: Wyckoff site: $1\mathbf{o}$, site symmetry: $3211'$

No.	position	mapping
1	$[0, 0, 0]$	$[1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12]$

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

No.	position	mapping
1	$[0, 0, z]$	$[1, 2, 3, 7, 8, 9]$
2	$[0, 0, -z]$	$[4, 5, 6, 10, 11, 12]$

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

No.	position	mapping
1	$[x, 0, 0]$	$[1, 4, 7, 10]$
2	$[0, x, 0]$	$[2, 5, 8, 11]$
3	$[-x, -x, 0]$	$[3, 6, 9, 12]$

Table 4: Wyckoff site: $6\mathbf{c}$, site symmetry: 1

No.	position	mapping
1	$[x, y, z]$	$[1, 7]$
2	$[-y, x - y, z]$	$[2, 8]$
3	$[-x + y, -x, z]$	$[3, 9]$
4	$[y, x, -z]$	$[5, 11]$
5	$[x - y, -y, -z]$	$[4, 10]$
6	$[-x, -x + y, -z]$	$[6, 12]$