

SG No. 143  $C_3^1$   $P3$  [ trigonal ]

\* plus set: + [0, 0, 0]

Table 1: Wyckoff site: 1a, site symmetry: 3..

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

Table 2: Wyckoff site: 1b, site symmetry: 3..

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

Table 3: Wyckoff site: 1c, site symmetry: 3..

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

Table 4: Wyckoff site: 3d, site symmetry: 1

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