PG No. 5 C_{2h} $2/m$ (b-axis setting)   [monoclinic]

Table 1: Wyckoff site: 1o, site symmetry: 2/m

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

Table 2: Wyckoff site: 2a, site symmetry: 2

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

Table 3: Wyckoff site: 2b, site symmetry: m

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

Table 4: Wyckoff site: 4c, 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]