

SG No. 80 C_4^6 $I4_1$ [tetragonal]

* plus set: $+ [0, 0, 0], \quad + [\frac{1}{2}, \frac{1}{2}, \frac{1}{2}]$

Table 1: Wyckoff site: **4a**, site symmetry: **2**. .

No.	position	mapping
1	$[0, 0, z]$	$[1, 2]$
2	$[0, \frac{1}{2}, z + \frac{1}{4}]$	$[3, 4]$

Table 2: Wyckoff site: **8b**, site symmetry: **1**

No.	position	mapping
1	$[x, y, z]$	$[1]$
2	$[\frac{1}{2} - x, \frac{1}{2} - y, z + \frac{1}{2}]$	$[2]$
3	$[-y, x + \frac{1}{2}, z + \frac{1}{4}]$	$[3]$
4	$[y + \frac{1}{2}, -x, z + \frac{3}{4}]$	$[4]$