

MSG No. 9.41  $C_a c$  [ Type IV, monoclinic ]

Table 1: Wyckoff site: **8a**, site symmetry: **1**

| No. | position  | mapping |
|-----|---|---------|
| 1   | $[x, y, z]$   | [1]     |
| 2   | $[x, -y, z + \frac{1}{2}]$                            | [2]     |
| 3   | $[x + \frac{1}{2}, y + \frac{1}{2}, z]$               | [3]     |
| 4   | $[x + \frac{1}{2}, \frac{1}{2} - y, z + \frac{1}{2}]$ | [4]     |
| 5   | $[x + \frac{1}{2}, y, z]$                             | [5]     |
| 6   | $[x + \frac{1}{2}, -y, z + \frac{1}{2}]$              | [6]     |
| 7   | $[x, y + \frac{1}{2}, z]$                             | [7]     |
| 8   | $[x, \frac{1}{2} - y, z + \frac{1}{2}]$               | [8]     |