

Orthorhombic

 $mm2$ C_{2v}^{19} $Fdd2$ Patterson symmetry $F m m m$ $F d d 2$

No. 43

Origin on 1 1 2**Positions**Multiplicity,
Wyckoff letter,
Site symmetry,
Coordinates**Patterson peaks (U, V, W (Multiplicity))**

16	b 1	x,y,z; -x,-y,z; etc. $0, 0, 0$ (16)	$2x, 2y, 0$ (4)	$3/4, 3/4+2y, 3/4$ (4)	$3/4+2x, 3/4, 3/4$ (4)
8	a . . 2	0,0,z; 1/4,1/4,1/4+z; etc. $0, 0, 0$ (8)	$3/4, 3/4, 3/4$ (4)		

Vectors between two sets of unique atoms

Wyckoff letters

Wyckoff letters

b, b	$x1-x2, y1-y2, z1-z2$ (4)
	$x1+x2, y1+y2, z1-z2$ (4)
	$3/4+x1-x2, 3/4+y1+y2, 3/4+z1-z2$ (4)
	$3/4+x1+x2, 3/4+y1-y2, 3/4+z1-z2$ (4)
	$3/4-x1+x2, 3/4-y1-y2, 3/4-z1+z2$ (4)
	$3/4-x1-x2, 3/4-y1+y2, 3/4-z1+z2$ (4)
b, a	$x1, y1, z1-z2$ (4)
	$3/4+x1, 3/4+y1, 3/4+z1-z2$ (4)
	$3/4-x1, 3/4-y1, 3/4-z1+z2$ (4)
a, a	$0, 0, z1-z2$ (8)
	$3/4, 3/4, 3/4+z1-z2$ (4)