

Orthorhombic

 $mm2$  $C_{2v}^{11}$  $Cmm2$ Patterson symmetry  $Cmm2$  $Cmm2$ 

No. 35

**Origin** on  $mm2$ **Positions**Multiplicity,  
Wyckoff letter,  
Site symmetry,  
Coordinates**Patterson peaks (U, V, W (Multiplicity))**

8	f	1	x,y,z; -x,-y,z; etc. $0, 0, 0$ (8)	$2x, 2y, 0$ (2)	$0, 2y, 0$ (4)	$2x, 0, 0$ (4)
4	e	$m..$	0,y,z; 0,-y,z; etc. $0, 0, 0$ (4)	$0, 2y, 0$ (2)		
4	d	$.m.$	x,0,z; -x,0,z; etc. $0, 0, 0$ (4)	$2x, 0, 0$ (2)		
4	c	$..2$	1/4,1/4,z; 1/4,3/4,z; etc. $0, 0, 0$ (4)	$0, 1/2, 0$ (4)		
2	b	$mm2$	0,1/2,z; etc. $0, 0, 0$ (2)			
2	a	$mm2$	0,0,z; etc. $0, 0, 0$ (2)			

**Vectors between two sets of unique atoms**

Wyckoff letters

Wyckoff letters

f, f	$x1-x2, y1-y2, z1-z2$ (2)	d, b	$x1, 1/2, z1-z2$ (2)
	$x1+x2, y1+y2, z1-z2$ (2)	d, a	$x1, 0, z1-z2$ (2)
	$x1-x2, y1+y2, z1-z2$ (2)	c, c	$0, 0, z1-z2$ (4)
	$x1+x2, y1-y2, z1-z2$ (2)		$0, 1/2, z1-z2$ (4)
f, e	$x1, y1-y2, z1-z2$ (2)	c, b	$1/4, 3/4, z1-z2$ (2)
	$x1, y1+y2, z1-z2$ (2)	c, a	$1/4, 1/4, z1-z2$ (2)
f, d	$x1-x2, y1, z1-z2$ (2)	b, b	$0, 0, z1-z2$ (2)
	$x1+x2, y1, z1-z2$ (2)	b, a	$0, 1/2, z1-z2$ (2)
f, c	$3/4+x1, 3/4+y1, z1-z2$ (2)	a, a	$0, 0, z1-z2$ (2)
	$3/4+x1, 1/4+y1, z1-z2$ (2)		
f, b	$x1, 1/2+y1, z1-z2$ (2)		
f, a	$x1, y1, z1-z2$ (2)		
e, e	$0, y1-y2, z1-z2$ (2)		
	$0, y1+y2, z1-z2$ (2)		
e, d	$-x2, y1, z1-z2$ (2)		
e, c	$3/4, 3/4+y1, z1-z2$ (2)		
e, b	$0, 1/2+y1, z1-z2$ (2)		
e, a	$0, y1, z1-z2$ (2)		
d, d	$x1-x2, 0, z1-z2$ (2)		
	$x1+x2, 0, z1-z2$ (2)		
d, c	$3/4+x1, 3/4, z1-z2$ (2)		