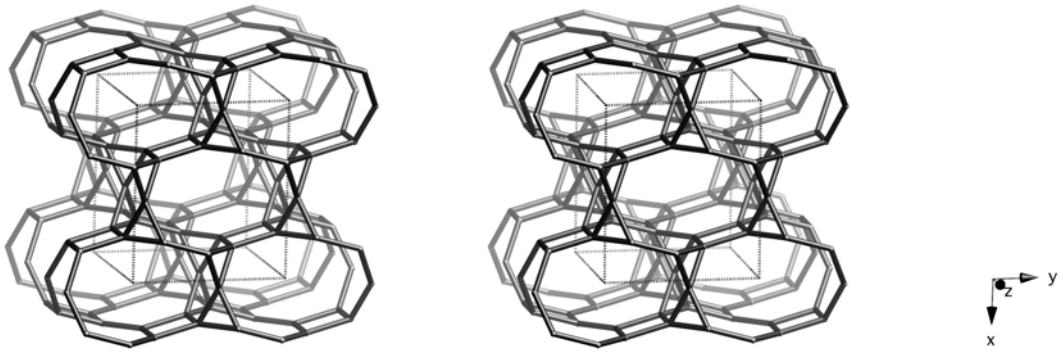
WEI

Cccm

Framework Type Data



framework viewed along [001]

Idealized cell data: orthorhombic, *Cccm*, *a* = 11.8Å, *b* = 10.3Å, *c* = 10.0Å

Coordination sequences and vertex symbols:

T_1 (16,1)	4	9	18	32	51	74	98	126	163	199	3·4·6·8·8·10
T_2 (4,222)	4	8	18	32	52	70	98	132	152	200	3·3·6·6·10·10

Secondary building units: spiro-5

Composite building units:

lov *vsv*

Materials with this framework type:

*Weinebeneite[1]

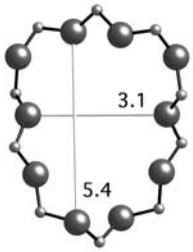
Type Material: Weinebeneite **WEI**

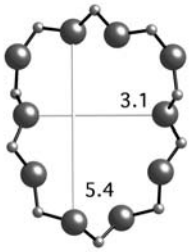
Type Material Data

Crystal chemical data: $|Ca_4\ (H_2O)_{16}|\ [Be_{12}P_8\ O_{32}\ (OH)_8]$-**WEI**
monoclinic, *Cc*
$a = 11.897$Å, $b = 9.707$Å, $c = 9.633$Å, $\beta = 95.76°$ (1)

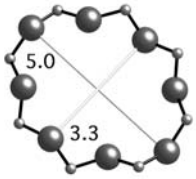
Framework density: 18.1 T/1000Å^3

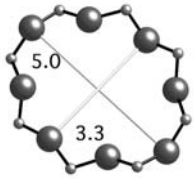
Channels: [001] **10** 3.1 x 5.4* ↔ [100] **8** 3.3 x 5.0*





10-ring viewed along [001]





8-ring viewed along [100]

References:
(1) Walter, F. *Eur. J. Mineral.*, **4**, 1275-1283 (1992)