

GaOOH

Gallium Oxide Hydroxide

<i>d</i> (Å)	<i>i</i>	<i>h</i>	<i>k</i>	<i>l</i>
4.90280	12	0	2	0
4.13210	100	1	1	0
3.33620	12	1	2	0
2.65460	35	1	3	0
2.54250	30	0	2	1
2.48980	6	1	0	1
2.45040	20	0	4	0
2.41360	68	1	1	1
2.21990	10	1	2	1
2.15800	13	1	4	0
1.98050	5	1	3	1
1.89100	5	0	4	1
1.77800	5	2	1	1
1.74630	2	1	4	1
1.69610	18	2	2	1
1.66810	5	2	4	0
1.58190	4	2	3	1
1.54020	15	1	5	1
1.48680	12	0	0	2
1.45480	3	2	4	1
1.43160	7	0	6	1
1.39910	5	1	1	2

Lattice : Orthorhombic

Mol. weight = 102.73

S.G. : Pbnm (62)

Volume [CD] = 132.74

a = 4.55450

Dx = 5.140

b = 9.80070

c = 2.97380

a/b = 0.46471

Z = 4

c/b = 0.30343

Additional Patterns: To replace 00-006-0180.
Data collection flag: Ambient.

Tas, A., MERCK Biomaterial GmbH, Darmstadt, Germany., Private Communication (2002)
Tas, A., Majewski, P., Aldinger, F., J. Am. Ceram. Soc., volume 85, page 1421 (2002)

Radiation : CuK α 1

Filter :

Lambda : 1.54060

d-sp : Diffractometer

SS/FOM : F22=204(0.0034,33)