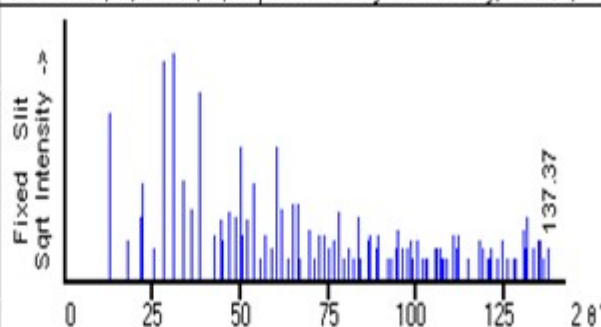


PCPDFWIN - [PDF # 510178, Wavelength = 1.54056 (Å)]

PDFNumber Search Print View Data Conversion Window Clear Help

51-0178 Quality: *
CAS Number:
Molecular Weight: 702.47
Volume[CD]: 282.88
Dx: 4.123 Dm:
Sys: Hexagonal
Lattice: Primitive
S.G.: P321 (150)
Cell Parameters:
a 8.096 b c 4.982
 α β γ

Ca3NbGa3Si2O14
Calcium Gallium Niobium Silicate
Ref: Ivanov, S., Zhurov, V., Karpov' Inst. of Physical Chemistry, Moscow, Russia, ICDD Grant-in-Aid, (1999)



SS/FOM: F30=156(.0058, 33)
I/cor: 2.06
Rad: CuKα1
Lambda: 1.54056
Filter: Ni
d-sp: diffractometer

2θ	Int-f	h	k	l	2θ	Int-f	h	k	l	2θ	Int-f	h	k	l
12.618	53	1	0	0	69.497	2	3	2	2	101.90	1	4	4	1
17.788	3	0	0	1	69.595	5	5	0	1	102.91	1	3	2	4
21.870	8	1	0	1	69.595	5	3	3	0	103.27	1	6	1	2
21.945	18	1	1	0	71.096	<1	4	2	0	105.50	2	1	1	5
25.389	2	2	0	0	72.430	4	4	1	2	105.75	2	4	1	4
28.387	93	1	1	1	73.728	2	2	2	3	106.94	2	2	0	5
31.171	100	2	0	1	73.955	4	4	2	1	107.37	<1	6	0	3
33.800	19	2	1	0	75.164	1	3	1	3	107.62	1	6	2	1
36.017	10	0	0	2	75.417	2	5	1	0	108.85	1	4	3	3
38.310	10	1	0	2	76.394	3	0	0	4	110.46	4	4	4	2
38.453	67	2	1	1	77.811	1	1	0	4	111.33	1	2	1	5
38.453	67	3	0	0	78.139	4	5	0	2	111.61	2	5	0	4
42.573	2	1	1	2	78.228	9	5	1	1	111.81	4	5	2	3
42.699	4	3	0	1	79.417	1	4	0	3	111.97	4	5	3	2
44.581	7	2	0	2	80.954	2	3	3	2	114.60	1	3	3	4
44.738	3	2	2	0	82.036	1	2	0	4	117.90	3	6	1	3
46.674	9	3	1	0	82.383	1	4	2	2	118.97	2	2	2	5
48.507	8	2	2	1	83.609	8	3	2	3	120.55	1	3	1	5
50.220	34	2	1	2	83.864	1	4	3	0	120.83	1	5	1	4
50.327	4	3	1	1	86.200	3	2	1	4	121.35	2	5	4	1
52.134	7	4	0	0	86.626	4	4	3	1	121.35	2	6	3	0
53.734	18	3	0	2	86.626	4	5	2	0	123.01	1	8	0	0
55.528	1	4	0	1	88.937	2	3	0	4	124.54	3	7	1	2
56.915	1	1	0	3	89.352	4	5	2	1	126.08	1	4	4	3
57.222	4	3	2	0	91.916	1	5	0	3	127.79	1	7	0	3
58.727	2	2	2	2	92.191	1	6	1	0	128.08	1	7	2	0
60.170	6	1	1	3	93.100	<1	2	2	4	130.80	5	3	2	5
60.335	5	3	1	2	94.497	2	3	1	4	131.14	2	4	3	4
60.432	34	3	2	1	94.882	5	6	1	1	131.64	8	7	2	1
60.432	34	4	1	0	96.078	2	4	2	3	133.25	2	6	2	3
61.751	10	2	0	3	97.607	2	5	2	2	134.90	3	5	2	4
63.548	1	4	1	1	98.675	3	4	0	4	135.37	3	6	3	2
64.998	11	4	0	2	99.119	1	4	4	0	136.11	1	0	0	6
66.367	11	2	1	3	100.26	3	5	1	3	137.37	2	8	0	2
66.636	1	5	0	0	100.52	1	5	3	0					