

Name and formula

Reference code: 00-002-0630

Mineral name: Manganocalcite
 PDF index name: Calcium Manganese Carbonate

Empirical formula: CCaO_3
 Chemical formula: $(\text{Ca}, \text{Mn}) \text{CO}_3$

Crystallographic parameters

Crystal system: Unknown

Measured density (g/cm^3): 2.82

RIR: -

Status, subfiles and quality

Status: Marked as deleted by ICDD
 Subfiles: Inorganic
 Mineral
 Quality: Doubtful (O)

Comments

Deleted by: Berry parcel of August 19, 1958.
 Sample source: Specimen from Ore Knob, North Carolina, USA.
 Analysis: Analysis (wt.%): MnCO_3 7.00, MgCO_3 2.57, FeCO_3 3.50, SrCO_3 0.24.
 Optical data: $A=1.501$, $B=1.672$, Sign=-

References

Primary reference: Krieger., *Am. Mineral.* **15**, 28, (1930)

Peak list

No.	h	k	l	d [Å]	2Theta[deg]	I [%]
1				3.02000	29.555	100.0
2				2.49000	36.041	30.0
3				2.27000	39.673	50.0
4				2.09000	43.254	40.0
5				1.90000	47.835	80.0
6				1.86000	48.930	70.0
7				1.60000	57.559	40.0
8				1.52000	60.899	40.0
9				1.44000	64.678	40.0
10				1.33000	70.785	10.0
11				1.29000	73.330	30.0
12				1.25000	76.084	5.0
13				1.22000	78.306	10.0
14				1.17000	82.352	20.0
15				1.14000	85.017	40.0

16	1.04000	95.578	50.0
17	1.00000	100.762	20.0
18	0.97300	104.685	10.0
19	0.96000	106.719	20.0
20	0.93400	111.123	10.0
21	0.88500	121.009	5.0
22	0.84400	131.756	5.0

Stick Pattern

