

Table 2. X-ray powder diffraction data (d in Å, I in %) for virgilluethite

h	k	l	I_{cal}	I_{meas}	d_{cal}	d_{meas}
0	2	0	100.0	62	5.350	5.346
1	1	1	4.1	5	4.653	4.643
-1	2	1	10.3	7	3.757	3.760
0	1	2	78.6	90	3.533	3.531
2	1	0	82.2	100	3.448	3.445
1	3	1	12.2	8	2.935	2.938
0	4	0	15.0	26	2.675	2.654
2	0	2	9.6	19	2.584	2.587
-1	4	1	10.3	8	2.386	2.379
2	2	2	4.7	2	2.327	2.331
1	2	3	1.7	2	2.148	2.158
1	5	1	6.9	6	1.977	1.978
-3	3	1	2.9	1	1.947	1.948
0	0	4	6.2	11	1.872	1.865
4	0	0	8.0	4	1.821	1.822
1	1	4	2.1	7	1.779	1.772
4	2	0	7.3	5	1.724	1.725
-1	6	1	4.7	2	1.689	1.691
2	1	-4	3.9	2	1.659	1.661
-4	1	2	5.3	8	1.632	1.632
4	1	2	4.4	1	1.606	1.607
-3	5	1	2.8	1	1.574	1.572
0	4	4	2.0	2	1.533	1.537
4	4	0	2.9	5	1.505	1.501
4	3	2	2.1	2	1.478	1.479
1	7	1	3.2	4	1.466	1.468
1	6	3	1.8	2	1.420	1.418
3	6	1	2.3	2	1.408	1.410
4	0	-4	1.3	2	1.319	1.320
-4	5	2	1.0	1	1.307	1.307
-1	8	1	2.0	2	1.296	1.295
-3	7	1	1.7	1	1.277	1.279
6	1	0	1.4	1	1.206	1.206
1	9	1	1.2	4	1.159	1.159