

Table 3. Powder X-ray diffraction data (d in Å) for fluorwavellite.

I_{obs}	d_{obs}		d_{calc}	I_{calc}	hkl		I_{obs}	d_{obs}		d_{calc}	I_{calc}	hkl
100	8.53	{	8.6865	52	0 2 0		15	1.9699	{	1.9796	5	2 8 0
			8.4233	48	1 1 0					1.9635	5	3 7 0
26	5.65		5.6595	26	1 0 1					1.9551	1	3 5 2
10	5.39		5.3812	7	1 1 1					1.9145	1	5 1 0
4	4.98		4.9630	7	1 3 0					1.9043	1	4 5 1
17	4.81	{	4.8156	9	2 0 0		6	1.8928	{	1.8927	1	1 9 0
			4.7419	3	1 2 1					1.8905	1	3 7 1
4	4.335		4.3433	1	0 4 0					1.8659	1	2 7 2
8	4.023	{	4.0476	5	1 3 1					1.8435	1	3 2 3
			3.9664	4	2 0 1		5	1.8274	{	1.8317	2	3 6 2
6	3.892		3.8669	2	2 1 1					1.8161	1	5 2 1
28	3.430	{	3.4456	6	1 4 1					1.7684	1	5 3 1
			3.4285	22	0 1 2		5	1.7440		1.7487	4	0 0 4
			3.2873	1	1 0 2					1.7303	1	3 4 3
			3.2724	3	2 3 1		8	1.7153	{	1.7224	4	4 5 2
			3.2300	1	1 1 2					1.7121	3	1 1 4
41	3.223		3.2252	27	2 4 0					1.7075	1	5 4 1
			3.1569	3	3 1 0					1.6749	1	4 0 3
11	3.071		3.0745	8	1 2 2		5	1.6708	{	1.6735	2	1 7 3
			2.9937	2	0 3 2					1.6608	1	1 10 1
15	2.934	{	2.9611	4	1 5 1					1.6493	1	1 3 4
			2.9289	4	2 4 1		2	1.6432	{	1.6447	1	4 2 3
			2.9177	1	3 0 1					1.6436	1	2 0 4
			2.8955	2	0 6 0					1.6221	1	0 4 4
			2.8774	2	3 1 1					1.6126	3	4 8 0
13	2.804		2.8078	7	3 3 0		9	1.6040	{	1.6099	1	3 9 1
			2.7659	1	3 2 1					1.6052	1	6 0 0
			2.7240	1	0 4 2					1.5947	3	2 9 2
			2.6212	1	1 4 2					1.5812	1	2 3 4
			2.6136	2	2 5 1		8	1.5698		1.5727	3	5 4 2
			2.6057	4	3 3 1		2	1.5567		1.5586	4	1 11 0
28	2.580	{	2.5777	14	1 6 1		11	1.5327	{	1.5372	5	2 4 4
			2.5425	4	2 3 2					1.5217	2	5 7 0
4	2.476	{	2.4815	1	2 6 0		3	1.4802		1.4843	2	3 3 4
			2.4649	1	0 5 2					1.4723	1	4 9 1
			2.4220	1	3 4 1					1.4695	1	1 9 3
1	2.410		2.4078	2	4 0 0					1.4578	5	5 6 2
9	2.364		2.3650	5	3 0 2		9	1.4547	{	1.4537	1	6 1 2
6	2.274	{	2.2767	4	4 0 1					1.4478	2	0 12 0
			2.2729	1	1 7 1					1.4172	1	3 11 0
3	2.234	{	2.2344	2	3 5 1					1.4147	1	6 3 2
			2.2303	1	0 6 2		7	1.4093	{	1.4140	2	1 7 4
			2.2023	1	4 2 1					1.4026	1	1 12 1
5	2.187	{	2.1927	1	1 2 3					1.4001	1	3 10 2
			2.1728	1	1 6 2		3	1.3823	{	1.3844	1	1 0 5
			2.1103	2	1 3 3					1.3833	1	4 9 2
16	2.101	{	2.1058	6	4 4 0					1.3500	1	7 0 1
			2.1039	1	2 7 1					1.3492	1	3 9 3
			2.0985	4	2 0 3		6	1.3449	{	1.3486	1	1 8 4
			2.0834	2	2 1 3					1.3459	1	7 1 1
10	2.041	{	2.0552	2	3 6 1					1.3453	2	4 4 4
			2.0398	2	2 2 3					1.3386	1	7 3 0
			2.0275	1	1 8 1		6	1.3127	{	1.3221	1	6 0 3
			2.0240	1	0 7 2					1.3147	1	7 3 1
			1.9807	1	1 7 2					1.3106	1	2 8 4