Table S1. Calculated X-ray powder diffraction data for qeltite (Cu*K*α1+2 = 1.540598 Å, Debye-Scherrer geometry, no anomalous dispersion, *I*rel > 1).

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| *I* | *d*(Å) | *h* | *k* | *l* | *I* | *d*(Å) | *h* | *k* | *l* |
| **31** | **6.935** | **1** | **0** | **0** | **30** | **1.8082** | **2** | **1** | **2** |
| 6 | 4.996 | 0 | 0 | 1 | 7 | 1.7949 | 1 | 3 | 1 |
| 3 | 4.053 | 0 | 1 | 1 | 4 | 1.7949 | 3 | 1 | 1 |
| 13 | 4.004 | 1 | 1 | 0 | 5 | 1.7337 | 4 | 0 | 0 |
| **100** | **3.1242** | **1** | **1** | **1** | 7 | 1.6966 | 0 | 3 | 2 |
| **48** | **2.8485** | **0** | **2** | **1** | 5 | 1.6966 | 3 | 0 | 2 |
| **61** | **2.8485** | **2** | **0** | **1** | 2 | 1.5910 | 3 | 2 | 0 |
| **27** | **2.6211** | **2** | **1** | **0** | 3 | 1.5621 | 2 | 2 | 2 |
| 9 | 2.4978 | 0 | 0 | 2 | 4 | 1.5375 | 1 | 1 | 3 |
| 7 | 2.3500 | 1 | 0 | 2 | 10 | 1.5160 | 2 | 3 | 1 |
| **45** | **2.3210** | **2** | **1** | **1** | 10 | 1.5160 | 3 | 2 | 1 |
| 10 | 2.3116 | 3 | 0 | 0 | 13 | 1.5133 | 4 | 1 | 0 |
| 3 | 2.0979 | 3 | 0 | 1 | 7 | 1.5011 | 2 | 0 | 3 |
| 2 | 2.0979 | 0 | 3 | 1 | 4 | 1.5011 | 0 | 2 | 3 |
| 3 | 2.0267 | 2 | 0 | 2 | 4 | 1.4483 | 1 | 4 | 1 |
| 6 | 2.0267 | 0 | 2 | 2 | 3 | 1.4483 | 4 | 1 | 1 |
| 5 | 2.0019 | 2 | 2 | 0 | 6 | 1.4243 | 4 | 0 | 2 |
| 13 | 1.9234 | 3 | 1 | 0 | 11 | 1.4056 | 1 | 2 | 3 |
| 6 | 1.8583 | 2 | 2 | 1 | 4 | 1.3346 | 3 | 3 | 0 |
| 14 | 1.8082 | 1 | 2 | 2 | 4 | 1.2677 | 2 | 4 | 1 |