

Table S1. Calculated X-ray powder diffraction data for zolenskyite ($I_{\text{rel}} > 1$).

h	k	l	$d [\text{\AA}]$	I_{rel}
2	0	0	5.7203	31
0	0	1	5.2926	11
-2	0	1	5.2508	52
1	1	0	3.2943	26
2	0	1	3.2233	15
-4	0	1	3.1950	9
-1	1	1	2.9768	47
-2	0	2	2.9699	22
4	0	0	2.8601	3
0	0	2	2.6463	13
1	1	1	2.6459	92
-3	1	1	2.6354	16
-4	0	2	2.6254	46
3	1	0	2.5543	31
-3	1	2	2.2028	26
-6	0	1	2.1283	12
2	0	2	2.0702	39
3	1	1	2.0675	93
-5	1	1	2.0575	100
-6	0	2	2.0502	45
-4	0	3	1.9477	14
1	1	2	1.9428	27
6	0	0	1.9068	1
0	0	3	1.7642	15
0	2	0	1.7200	47
-3	1	3	1.7160	78
2	2	0	1.6472	2
0	2	1	1.6358	1
-2	2	1	1.6345	5
4	0	2	1.6116	6
3	1	2	1.6095	1
5	1	1	1.6092	4
-7	1	1	1.6021	19