TABLE 1: CCD Data collection and refinement of $P2_1/c$ kanoite.

Diffractometer	Siemens SMART CCD system
X-ray radiation	sealed tube MoKα
X-ray power	50 kV, 40 mA
Temperature	293 K
Detector to sample distance	5.21 cm
Detector 2Θ angle	27°
Resolution	0.77 Å
Rotation axis and width	ω / 0.3°
Total number of frames	1271
Frame size	512 x 512 pixels
Data collection time per frame	10 s
Collection mode	automated hemisphere
Reflections measured 2391	
Max 2Θ	54.3; -8$\leq$h$\geq$7, -10$\leq$k$\geq$10, -8$\leq$l$\geq$4
Unique reflections	913
Reflections > 2σ(I)	781
Space group, cell dimensions (Å)	$P2_1/c$, $a = 9.722(2)$, $b = 8.920(2)$,
	$c = 5.2478(10)$, $\beta = 108.52(3)$°
Volume (Å^3)	431.54
R(int)	4.04% after empirical abs. correction
R(σ)	3.54%
Number of l.s. parameters	94
GooF	1.082
R1, Fo > 4σ(Fo)	2.92%
R1, all data	3.66%
wR2 (on F^2)	7.99%

$R_{int} = [\sum|F_o^2-(F_o^2)mean|]/(\sum F_o^2)$, $R_\sigma = (\sum\sigma_{Fo2})/\sum F_o^2$, $R1 = (\sum||F_o|-|F_c||)/(\sum|F_o|)$

$wR2 = [(\sum(F_o^2-F_c^2)^2)/(\sum(w(F_o^2)^2]^{1/2}$, $Goof = [(\sum w(F_o^2-F_c^2)^2)/(n-p)]^{1/2}$