The program INDEX only reports about the count and total weight of ignored peaks. So, I give the count/weight of ignored peaks as allowed/reported. For the final proof, I have done LeBail fits to every patterns; R_{wp} is given. This gives the final lattice constants. Due to the time limitation, I was unable to check for space groups.

sample	ignored peaks/weight allowed	reported	cell	lattice constants	R_{wp}	comment
1	—	—	monoclinic primitive	$a = 8.5324 \pm 0.0013$Å $b = 10.3279 \pm 0.0017$Å $c = 7.3976 \pm 0.0012$Å $\gamma = 91.3446 \pm 0.0027°$	2.74%	—
2	—	—	monoclinic primitive	$a = 11.24370 \pm 0.00015$Å $b = 19.88201 \pm 0.00026$Å $c = 8.19601 \pm 0.00011$Å $\gamma = 106.06325 \pm 0.00030°$	4.31%	—
3	—	—	cubic body centered	$a = 18.87851 \pm 0.00065$Å	4.53%	—
4	not solved until deadline					
5	6/10%	6/1%	monoclinic primitive	$a = 6.01140 \pm 0.00079$Å $b = 16.9378 \pm 0.0024$Å $c = 18.2292 \pm 0.0026$Å $\gamma = 92.1877 \pm 0.0022°$	10.57%	—
6	not solved until deadline					
7	5/1%	4/0%	triclinic	$a = 4.4166 \pm 0.0010$Å $b = 11.4795 \pm 0.0013$Å $c = 17.1264 + -0.0017$Å $\alpha = 77.8746 \pm 0.0095°$ $\beta = 85.086 \pm 0.021°$ $\gamma = 82.671 \pm 0.017°$	10.53%	As a result of the LeBail fit, a tile-like grain shape was observed. The tiles main axis were estimated to: ≈40 nm near to the $\{100\}$ direction, ≈170 nm near to the $\langle 35\bar{1} \rangle$ direction, ≈450 nm near to the $\langle 5\bar{1}7 \rangle$ direction.
8	—	—	orthorhombic primitive	$a = 3.79612 \pm 0.00019$Å $b = 9.36892 \pm 0.00021$Å $c = 28.91553 \pm 0.00069$Å	10.20%	—