

Generic Data Collection

Mo

D=50mm

Minimum set

2θ	ω	ϕ	χ	scan type	width	#frames
-30	-30	0	54.7	omega	-0.3	600
-30	-30	90	54.7	omega	-0.3	400
-30	-30	180	54.7	omega	-0.3	200

Standard set

2θ	ω	ϕ	χ	scan type	width	#frames
-30	-30	0	54.7	omega	-0.3	600
-30	-30	90	54.7	omega	-0.3	600
-30	-30	180	54.7	omega	-0.3	600
-30	-30	270	54.7	omega	-0.3	600

Optimized set (Fits on one CD without compression)

2θ	ω	ϕ	χ	scan type	width	#frames
-30	-30	0	54.7	omega	-0.3	600
-30	-30	90	54.7	omega	-0.3	600
-30	-30	180	54.7	omega	-0.3	400
-30	-30	270	54.7	omega	-0.3	400

Rapid data collection

2θ	ω	ϕ	χ	scan type	width	#frames
-30	-30	0	54.7	omega	-0.5	360
-30	-30	90	54.7	omega	-0.5	360
-30	-30	180	54.7	omega	-0.5	360

Full Triclinic set

2θ	ω	ϕ	χ	scan type	width	#frames
-30	-30	0	54.7	omega	-0.3	600
-30	-30	60	54.7	omega	-0.3	600
-30	-30	120	54.7	omega	-0.3	600
-30	-30	180	54.7	omega	-0.3	600
-30	-30	240	54.7	omega	-0.3	600
-30	-30	300	54.7	omega	-0.3	600

Absolute configuration set

2θ	ω	φ	χ	scan type	width	#frames
-30	-30	0	54.7	omega	-0.5	360
-30	-30	90	54.7	omega	-0.5	360
-30	-30	180	54.7	omega	-0.5	360
-30	-30	270	54.7	omega	-0.5	360
-30	-30	0	54.7	phi	-0.5	720
+30	+30	0	54.7	phi	-0.5	720
-30	+220	0	54.7	phi	-0.5	720
+30	-30	0	54.7	phi	-0.5	720

