

Home Data Collection

						Notes:
Cane	Dewar	Position	Cryoprotection notes			
Contact:						

Screening	Date	Crystal Clear		Power		# frames	Distance (mm)	Exposure	Oscillation	Notes:
	Account	Project	Sample	kV	mA					
						Unit cell dimensions	Spacegroup	Max. resol.	Mosaicity	
Strat.	Input mosaicity		Target resolution ()	Predicted range(s)	Predicted completeness			Notes:		
Data	Date	Power		φ range(s)	# frames	Dist. (mm)	Exposure (min)	Oscillation (deg)	Notes:	
Backup	Electronic backup			DVD Backup			Status?			
	Hard drive #s		Directory name(s)		DVD Label		Binder location		Saved/discarded	

Screening	Date	User name		λ	# frames	Distance (mm)	Exposure (s)	Notes:		
	Facility	Beamline	Cassette label	Dose mode?	Unit cell dimensions	Spacegroup	Max. resol.	Mosaicity		
Strat.	Input mosaicity		Target resolution	Predicted range(s)	Predicted completeness			Notes:		
Data	High									
	Low	λ	range(s)	# frames	Distance					

Data Processing Form

Sheet ____ of ____

Site Info	Date	Det. Distance	Direct beam coords	Username	Crystal Clear	Account	
	Data set to process	()	kV x mA	Computer name		project name	
						sample name	
						Image file name root	

Index	Find Spots frames:		Orientations	ID#	Resid.	Rot1	Rot2	Rot3	Notes/errors:
	Lsq:			1					
	Spacegrp #:			2					
	a, b, c:			3					
	, , :			4					

Refine Cell	RMS mm	RMS deg	Mosaicity	Reflections	Notes/errors:
				Total:	
	Unit cell dimensions			Rejected:	
	a, b, c			Accepted:	
				Excluded:	

Predict Spots	Frames used	Accept/raise mos.?	Notes/errors:
	Input mosaicity	Mask created?	

Integration	Frames used	First batch dimensions	Reflection integration	Notes/errors:
			Total predicted:	
	Resolution range	Last batch dimensions	Total no errors:	
			Processed weak:	
	Output avg. mosaicity	Average cell dimensions	Approx. # rejected for box errors:	

Laue	Laue Class	Space Group Check	I/sig(I) tol.	Space grp	Notes/errors
	Rmerge				

Scaling Input	Resolution range	% bad χ^2 rejected	Scaling Results	Unit cell dimensions:		Computer/drive location of:		
				Outer shell resolution:		ScaleAveraged.ref	dtscaleaverage.log	
	Auto error model?	Rej. batches w/ rej. >		Total reflections:		Notes/errors:		
	Weight multiplier	Rmerge >		Unique Reflections:				
				Avg. redundancy				
	Weight addend	χ^2 >		% completeness				
				Rmerge				
		High shell unavg. I/sigI:						

Notes: