

CANADIAN LIGHT SOURCE Inc. Mid Infrared Spectroscopy ANALYSIS REQUEST FORM



				Requested Analysis/Charges			
Sample Id	Sample Information	Image Size	Additional Notes	Data Collection	Staff Time	Consumables	Additional Work
				\$60/hour	\$150/hour	\$40/sample	\$150/hr
Sample #	Sample type, ROI #, description	ROI dimension, um	Identifying feature of ROI, or coordinates from estimator				<input type="checkbox"/>
	Same sample, different ROI#	ROI dimension, um	Or about fiducial marking on sample				<input type="checkbox"/>
example							<input type="checkbox"/>
Sample 2	Pipe section, ROI 3, 2:30 crack	844.8 x 3801.6 um	Crack (ROI3) marked between x's				<input type="checkbox"/>
	ROI 4	1689.6 x 2112.0 um	ROI4 marked between x's				<input type="checkbox"/>
							<input type="checkbox"/>
							<input type="checkbox"/>
Estimator report(s) included <input checked="" type="checkbox"/> Estimated instrument time: 6 hours Setup time: 1 hour				<input type="checkbox"/>		Total:	
Client Information:		Billing Information:		CLSI Technical Contact:		CLSI Industrial Science Contact:	
Company Name:				Canadian Light Source Inc.			
Contact Name:				Scott Rosendahl		Erika Bergen	
Phone:				306-657-3667		306-657-3867	
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Address:				44 Innovation Blvd, Saskatoon, SK S7N 2V3, Canada			
PO#:							
<p>Description of work:</p> <ol style="list-style-type: none"> Data Collection: This package includes data collection and calibration of FTIR spectromicroscopy with samples prepared by the client. Prep and Data Collection: This package includes sample preparation (microtome, liquid cell assembly, etc. discuss with Science contact as needed), and data collection. Data analysis: This package includes sample preparation, data collection, calibration and preliminary data workup in Quasar spectroscopy analysis software. Additional Work: Additional work charges may apply for complex samples or setup procedures or additional data analysis (client will be contacted if additional work is required). <p>Please inquire about additional Mid-IR services, offered by customized quotes to meet your needs, including ATR and reflection setups, custom data analysis workflows,</p> <p>Researchers are asked to report any publications based on work performed, in whole or in part, at the Canadian Light Source or CLS@APS Programme. The list of the publications reported to the CLS is in important factor in our funding and is taken into account during peer review of research proposals. Click Here</p> <p>By signing and returning this form, the Client relinquishes the above listed samples to the Canadian Light Source Inc. and authorizes the above listed analysis. Client has read and is in agreement with the Canadian Light Source Standard Terms and Conditions which are hereby incorporated by reference.</p>							
Client Signature: (Duly Authorized Representative having the authority bind the Client to this Contract)				Date:			

For Internal Use Only

Sample Received (Date): _____ Initial: _____ Work Completed (Date): _____ Initial: _____ Contract # _____ Invoice # _____ Initial: _____

List in order of priority							
Sample Id	description	Mode	Collection parameters	Sample holder needed?	Describe requirements	Special handling	Describe handling procedure
Sample #	Bulk qualities of the sample	trans	Objective, # scans, res/cm ⁻¹ , binning	<input type="checkbox"/>	CaF ₂ window, liquid cell, other?	<input type="checkbox"/>	Gloves, tweezers, desiccator, humidity
Example				<input type="checkbox"/>		<input type="checkbox"/>	
Sample 2	Dry, plastic thin section	trans	Obj 25x, 32 scans, 4 cm ⁻¹	<input checked="" type="checkbox"/>	Secure with tape on any holder	<input checked="" type="checkbox"/>	Gloves and tweezers
				<input type="checkbox"/>		<input type="checkbox"/>	
				<input type="checkbox"/>		<input type="checkbox"/>	
				<input type="checkbox"/>		<input type="checkbox"/>	
				<input type="checkbox"/>		<input type="checkbox"/>	
				<input type="checkbox"/>		<input type="checkbox"/>	
				<input type="checkbox"/>		<input type="checkbox"/>	
				<input type="checkbox"/>		<input type="checkbox"/>	
				<input type="checkbox"/>		<input type="checkbox"/>	
				<input type="checkbox"/>		<input type="checkbox"/>	

Background / Reference / Control		
Sample id	reference	Special requirements/parameters
Sample #	Empty space, gold, CaF ₂ or other (specify)	
example		
Sample 3	Empty space or CaF ₂	

Sample Return/Destruction Procedure	
<input checked="" type="checkbox"/> Return Samples	<input type="checkbox"/> Destroy Samples
Please indicate return address or procedure for destroying samples	
Use this space to provide extra information about the sample	

Sample mounting / cell assembly / sample storage Instructions	
<input type="checkbox"/> Samples sent mounted	<input checked="" type="checkbox"/> special storage requirements
Please mount sample on standard sample holder, fix outside of black x's with tape. Use CaF ₂ window for added structural support if necessary.	
Red mark on each sample for alignment purposes	
Please store samples in desiccator upon arrival.	

Data Delivery Requirements: Data transferred on OneDrive and a 32 GB USB key will be mailed with samples for data back up and redundancy
