



Solids NMR Service Request - Western Personnel

JB Stothers NMR Facility
Materials Science Addition 0216
Department of Chemistry
Western University

GENERAL INFORMATION

Date	<input type="text"/>	Name	<input type="text"/>	Phone Extension	<input type="text"/>
Department	<input type="text"/>			E-mail	<input type="text"/>
Supervisor	<input type="text"/>			Speed Code	<input type="text"/>

SAMPLE INFORMATION

Sample name(s) <input type="text"/>	
When the NMR is complete, should the sample(s) be returned or disposed of? <input type="checkbox"/> Disposed of <input type="checkbox"/> Returned	
Nature of Sample(s) (check all that apply)	
<input type="checkbox"/> Toxic	<input type="checkbox"/> Air-sensitive
<input type="checkbox"/> Paramagnetic	<input type="checkbox"/> Light-sensitive
<input type="checkbox"/> Moisture-sensitive	<input type="checkbox"/> Temperature-sensitive
<input type="checkbox"/> Explosive	<input type="checkbox"/> Unstable
<input type="checkbox"/> Other:	<input type="text"/>
Reaction or proposed structure (click in the box below to insert an image)	Special instructions, comments, etc.
<input type="text"/>	<input type="text"/>
Briefly describe why you want to study your sample using NMR? What information are you trying to obtain?	
<input type="text"/>	

DESIRED EXPERIMENTS (If unsure, leave section blank)

1D Experiments	
Nucleus:	<input type="checkbox"/> C-13 <input type="checkbox"/> F-19 <input type="checkbox"/> Al-27 <input type="checkbox"/> Si-29 <input type="checkbox"/> P-31 <input type="checkbox"/> Other nucleus: <input type="text"/>
Conditions:	<input type="checkbox"/> MAS <input type="checkbox"/> Stationary <input type="checkbox"/> H-1 decoupling <input type="checkbox"/> Temperature(s): <input type="text"/>
Experiment:	<input type="checkbox"/> 1-Pulse <input type="checkbox"/> CP <input type="checkbox"/> Spin-echo <input type="checkbox"/> (Q)CPMG <input type="checkbox"/> REDOR <input type="checkbox"/> Other: <input type="text"/>
2D Experiments	
<input type="checkbox"/> MQMAS <input type="checkbox"/> HETCOR <input type="checkbox"/> Specify nuclei: <input type="text"/>	<input type="checkbox"/> Other Experiment: <input type="text"/>

DESIRED OUTPUT

<input type="checkbox"/> FID (Varian format)	<input type="checkbox"/> Spectrum (JCAMP)	<input type="checkbox"/> Spectrum (XY data)	<input type="checkbox"/> PDF Image
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This area is for NMR facility staff use only			
Date	<input type="text"/>	Probe	<input type="text"/>
Data Location	<input type="text"/>		
Comments	<input type="text"/>		Charge <input type="text"/>