



Solids NMR Service Request - Western Personnel

JB Soehner 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"/> Oxidic	<input type="checkbox"/> Air-sensitive	<input type="checkbox"/> Moisture-sensitive	<input type="checkbox"/> Explosive	<input type="checkbox"/> Unstable	
<input type="checkbox"/> Paramagnetic	<input type="checkbox"/> Light-sensitive	<input type="checkbox"/> Temperature-sensitive	<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"/> () CPMG	<input type="checkbox"/> REDOR <input type="checkbox"/> Other: <input type="text"/>
2D Experiments					
<input type="checkbox"/> 2D MAS	<input type="checkbox"/> HETCOR	<input type="checkbox"/> Specify nuclei: <input type="text"/>		<input type="checkbox"/> Other Experiment: <input type="text"/>	

DESIRED OUTPUT

FID (Varian format) Spectrum (JCAMP) Spectrum (XY data) PDF Image

<input type="text"/>
