



Liquids 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"/> | Solvent | <input type="text"/> | | |
| Describe solubility: | <input type="checkbox"/> High | <input type="checkbox"/> Medium | <input type="checkbox"/> Low | <input type="checkbox"/> Requires stirring | <input type="checkbox"/> Requires heating |
| 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"/> 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"/> | | |
| Proposed structure or reaction (click in the box below to insert an image) | | | Special instructions, comments, etc. | | |
| <input type="text"/> | | | <input type="text"/> | | |

DESIRED EXPERIMENTS

| 1D Experiments | 2D Experiments | | |
|---|---|---|-------------------------------|
| <input type="checkbox"/> H-1 | <input type="checkbox"/> C-13 | <input type="checkbox"/> F-19 | <input type="checkbox"/> P-31 |
| <input type="checkbox"/> Other nucleus: <input type="text"/> | Homonuclear | | Heteronuclear |
| <input type="checkbox"/> Other experiment: <input type="text"/> | <input type="checkbox"/> (H-1, H-1) gCOSY | <input type="checkbox"/> (H-1, C-13) gHSQC | |
| <input type="checkbox"/> VT (specify T): <input type="text"/> | <input type="checkbox"/> Other experiment: <input type="text"/> | <input type="checkbox"/> Other experiment: <input type="text"/> | |
| | <input type="checkbox"/> Other nuclei: <input type="text"/> | <input type="checkbox"/> Other nuclei: <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 |
|--|---|---|------------------------------------|

| | | | | | |
|--|----------------------|--------------|----------------------|---------------|----------------------|
| This area is for NMR facility staff use only | | | | | |
| Date | <input type="text"/> | Spectrometer | <input type="text"/> | Data Location | <input type="text"/> |
| Comments | <input type="text"/> | | | Charge | <input type="text"/> |