Request For Mass Spectrometry Service (one sample)
Mass Spectrometry Facility, University of Missouri-Columbia Department of Chemistry

Submitter’s Name: 
Date: 

E-mail: Supervisor/PI: 
Department: Building & room: 
Sample # or identifying code: Phone: 

About your sample: please provide as much information as possible

<table>
<thead>
<tr>
<th>Putative formula:</th>
<th>Exact Molar Mass:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soluble in…</td>
<td></td>
</tr>
<tr>
<td>H₂O acetone</td>
<td></td>
</tr>
<tr>
<td>MeOH MeCN</td>
<td></td>
</tr>
<tr>
<td>THF toluene</td>
<td></td>
</tr>
<tr>
<td>(other)</td>
<td></td>
</tr>
</tbody>
</table>

Structure and origin/synthesis (use reverse side or attach pages if additional space is required)

Contains salts or buffers?
- Na⁺  K⁺  NH₄⁺  X⁻  PO₄³⁻
- no  unknown  other (list)

Stable in dilute acids?
- yes  no  unknown

Sample handling precautions
If the sample is in solution, what are the solvents and approximate concentration?

Service(s) Requested: indicate type of analysis desired by marking the box next to it

- [ ] Direct Infusion (ESI/APCI) MS
- [ ] Direct Infusion (ESI/APCI) MS/MS
- [ ] LC-MS (ESI/APCI)
- [ ] LC-MS/MS (ESI/APCI)
- [ ] MALDI-ToF
- [ ] Other (discuss with MS Facility Manager first)

Work Done On Sample (Comments And Suggestions)

Solvents used: H₂O  MeOH  MeCN
Ionization and polarity: ESI  APCI  MALDI  +  –
Expected species observed? Y  N
Disposition of data: attached  emailed

MoCode: 

Account: 
(6 digit PeopleSoft code)

Authorization: 
(signature of authorizing party)