

**Mass Spectrum Request Form**

<b>Name:</b>	<b>Room No:</b>	<b>Telephone No:</b>	<b>Supervisor Signature (signature required)</b>
<b>Email:</b>			

<b>Cost Centre Code:</b>	<b>Sample Code:</b>
<b><u>Molecular (empirical) Formula:</u></b> (if unknown, state elements present)	<b><u>Structural Formula:</u></b> (if compound is Ionic show formula weights of anion and cation)
<b><u>Molecular Weight:</u></b> (calculate for the most abundant isotope of each element)	
<b><u>M.pt / B.pt / Decomp:</u></b> °C	
<b><u>Probable limit of thermal stability</u></b> (EI only) : °C	
<b><u>Is sample sensitive to light / air/ water ?</u></b>	
<b><u>Likely Impurities</u></b>	<b><u>Solvents in which it dissolves:</u></b>
<b><u>Upper limit of scan required: m/z</u></b>	

<b><u>Characterisation Spectrum:</u></b> <i>Tick the relevant box</i>			
Electron Ionization (E.I.)	<input type="checkbox"/>	FAB (LSIMS / FAB)	<input type="checkbox"/>
Chemical Ionization (C.I.)	<input type="checkbox"/>	APCI	<input type="checkbox"/>
Electrospray Ionization (E.S.I.)	<input type="checkbox"/>	Gas Chromatography (GC/MS)	<input type="checkbox"/>
Liquid Chromatography (LC/MS)	<input type="checkbox"/>		

<b><u>Accurate Mass</u></b> * Peak Match on Molecular Ion <input type="checkbox"/> other Ions (please specify) <input type="checkbox"/>
<b>*If an Accurate mass is requested it is necessary to include a RECENT copy of the FULL low resolution spectrum, CLEARLY SHOWING THE ION IN QUESTION, run under the SAME CONDITIONS.</b>

**COSHH Hazard assessment: Low?**  **Medium?**  **High?**  **[ Extreme? ]**   
**NO SAMPLES IN THE EXTREME CATEGORY MAY BE SUBMITTED WITHOUT PRIOR ARRANGEMENT**  
**Details if High or Extreme Hazard (tick as applicable):** Very Toxic... Carcinogenic... Mutagenic....  
 Explosive.... Pyrophoric.... Lachrymator ..... Smelly!.... Other (detail).....  
**Specific requirements or handling instructions (With respect to COSHH or for analytical purposes):**