


Mass Spectrum Request Form

Name:	Room No: Office 25C	Telephone No: Int: 513307	Supervisor Signature (signature required) <i>Prof. Mark Bradley</i> 
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Cost Centre Code: **240MBR**

Sample Code:

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

Characterisation Spectrum: *Tick the relevant box*

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"/>		

Accurate Mass * Peak Match on Molecular Ion other Ions (please specify)

***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.**

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):