

SMALL MOLECULE MASS SPECTROMETRY SAMPLE SUBMISSION FORM

NC STATE UNIVERSITY

Mass Spectrometry Facility
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Customer Identification

Submission Date	P.O. or Acct.#	P.I. (Authorizer)
Submitted by		Phone
Send Invoice to		FAX
Billing Address/Dept.		E-mail

Sample Identification*

Label (as appears on vial)		Molecular Weight (M _r)
Sample Format	<input type="checkbox"/> Solid <input type="checkbox"/> Liquid <input type="checkbox"/> H ₂ O <input type="checkbox"/> MeOH	Empirical Formula
Solubility	<input type="checkbox"/> CH ₂ Cl ₂ <input type="checkbox"/> CH ₃ CN <input type="checkbox"/> THF <input type="checkbox"/> Acetone <input type="checkbox"/> Other:	Stability
		➤ acidic conditions <input type="checkbox"/> yes <input type="checkbox"/> no ➤ air sensitive <input type="checkbox"/> yes <input type="checkbox"/> no ➤ light sensitive <input type="checkbox"/> yes <input type="checkbox"/> no
Quantity/Concentration/Solvent		Storage Requirements
Origin	<input type="checkbox"/> Synthetic <input type="checkbox"/> Biological	Other Information (matrix choice, salt content, etc.)
Purity		

Analysis Instructions

Structures and Comments

Sample introduction <small>(attach relevant conditions and chromatograms)</small>	<input type="checkbox"/> GC <input type="checkbox"/> LC <input type="checkbox"/> Direct		
Ionization Mode	<input type="checkbox"/> Positive <input type="checkbox"/> Negative <input type="checkbox"/> Alternating +/- scan		
	<input type="checkbox"/> EI <input type="checkbox"/> CI <input type="checkbox"/> NCI <input type="checkbox"/> ESI <input type="checkbox"/> MALDI		
Resolution	<input type="checkbox"/> Low <input type="checkbox"/> High	Self-use <input type="checkbox"/> GCD <input type="checkbox"/> MALDI-TOF	
MS/MS	<input type="checkbox"/> Precursor <input type="checkbox"/> Product <input type="checkbox"/> Neutral loss <input type="checkbox"/> SRM <input type="checkbox"/> MRM	For Facility Use Instrument Ionization Date <input type="checkbox"/> Thermo LTQ-Orbitrap <input type="checkbox"/> Agilent LC-TOF <input type="checkbox"/> Agilent 5975 GC/MS <input type="checkbox"/> HP GCD GC-MS <input type="checkbox"/> Bruker Omnistar MALDI-TOF <input type="checkbox"/> Thermo TSQ Quantum Discovery MAX	
	Mass Range Desired (Da)		
	Ions of Interest		
	Analysis	<input type="checkbox"/> Quantitative <input type="checkbox"/> Qualitative	

Date Received:	Date Completed:	Time spent:	Analyst:
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*Local samples must be picked up after completion of analysis. Samples shipped as return requested without prior arrangement will not be returned.