

VG 70S/E Mass Spectral Analysis Service - Sample Submission Form

Important - Prepare and Submit Samples According to Submission Guidelines and Conditions

Department of Chemistry Mass Spectrometry Facility
The Johns Hopkins University
1-410-516-5552 mass.spec@jhu.edu

Investigator : _____ Date : _____
Research Group (Advisor) : _____ Phone # : _____
Billing Code : _____ e-mail : _____

_____ EI Nominal Mass Determination _____ FAB-MS Nominal Mass Determination
_____ CI Nominal Mass Determination _____ FAB-MS Accurate Mass Determination
_____ EI/CI Nominal Mass Determination _____ GC/MS (Specify Column _____)
_____ EI Accurate Mass Determination _____ Other (Please describe _____)
_____ CI Accurate Mass Determination
_____ EI/CI Accurate Mass Determination (Desired CI Reagent Gas : CH₄ / NH₃ / Other _____)

Sample ID : _____

Molecular Formula and Exact Mass

(Give EM to 4DP)

MP : _____ °C BP : _____ °C / _____ Torr Solvent (NOT Water) : _____

Special Precautions (Thermal Instability / O₂ Sensitive, Photo-labile / etc.) And / Or Toxicity :

Sample History

(Final reaction and purification solvent) :

For Completion by MS Staff Only

Source Block Temp : _____ 200 / _____ °C Resolution : _____ @ _____ KV
Probe Type : _____ Shallow / Deep / DCI . Electron Energy : _____ 70 / / _____ eV
FA3 : 10^{_____} Resp.Time : 0.01 / _____ MULT : _____ Trap Current : _____ μA
FAB Gun : Xe / Cs⁺ FAB Gun : _____ KV @ _____ mA / uA Emission : _____ mA
FAB Matrix Used : _____ FAB Probe Tip : _____ Scan Numbers : _____

COMMENTS / OTHER CONDITIONS

Exact Mass Calculation : Target m/z : _____ Da Found m/z : _____ Da

File Name : _____ SEE SHEETS Analyst : _____ Date : _____

Billing Issue # _____ Analysis Performed _____ Cost \$ _____