Purdue University Campus-wide Mass Spectrometry Center
Analysis Request Form
Biochemistry – BCHM 215
Chemistry – WTHR 150
MCMP – RHPH 318

Name ________________________  Date ____________  Sample Name __________________________
Department ___________________  Room # _______  Phone # _______________
Email ________________________  Research Director ________________________
Account # ____________________________________________________________
Molecular Formula ______________________  Molecular Weight ________________

Solvent: Acetone, CH₂Cl₂, Acetonitrile, Chloroform, Methanol, Water, Other ____________________________
Sample form: Solid, mp _____ °C  Liquid, bp _____ °C  _____ mm  Oil/Emulsion _____
Precautions: Thermally unstable, Light-sensitive, Air-sensitive, Toxic, Corrosive
Strong Oxidizer, Other (i.e. solvent incompatibilities) ______________________________________

Structures (Starting Material, Reagents, Products):

INDICATE ALL CHOICES APPLICABLE TO YOUR SAMPLE:

Solvent: Acetone, CH₂Cl₂, Acetonitrile, Chloroform, Methanol, Water, Other ____________________________
Sample form: Solid, mp _____ °C  Liquid, bp _____ °C  _____ mm  Oil/Emulsion _____
Precautions: Thermally unstable, Light-sensitive, Air-sensitive, Toxic, Corrosive
Strong Oxidizer, Other (i.e. solvent incompatibilities) ______________________________________

INDICATE ANALYSIS TO BE PERFORMED:

LOW RESOLUTION (Circle Technique)  GC/MS
CI  EI  ESI  Column and Conditions ______________________
MALDI  ICP

HIGH RESOLUTION (attach low resolution spectrum)  LC/MS
Technique ________________________
m/z to peak match __________________

Results:

LOW RESOLUTION

HIGH RESOLUTION

Reference  Calculated Mass  Actual Mass

DATE RUN ____________  OPERATOR ____________  HOURS ____________  TECHNIQUE ____________

Questions - Contact Karl V. Wood (kvw@purdue.edu)