



University of New Mexico Mass Spectrometry Facility
Department of Chemistry and Chemical Biology
MSC03 2060

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REQUEST FOR ANALYSIS – SMALL MOLECULES / EXACT MASS

Your name _____ PI name _____
Department of PI _____ Telephone _____ FAX _____
Email _____ Account # _____

PLEASE FILL IN ALL FIELDS AS COMPLETELY AS POSSIBLE, RADIOACTIVE SAMPLES NOT ACCEPTED

COMPOUND ORIGIN (check all that apply)

Isolated from natural sources

Explain: _____

Synthetic

Where synthesized, final purification step: _____

COMPOUND INFORMATION:

Submitter's Sample Identification Number: _____

Theoretical molecular formula: _____

Theoretical molecular weight: _____

DESIRED ANALYSIS:

Exact mass determination (high-resolution)

Low resolution survey scan

Other (specify) _____

DATA RETURN: email (pdf file) Pickup FAX

STRUCTURE

Sample characteristics: (please be as complete as possible)

LIQUID

current solvent _____

volume submitted _____

concentration _____

Estimated amount submitted _____

Estimated purity 1..5 (5 highest) _____ determined by _____

Estimated pH (if liquid) _____

SOLID

soluble in _____

salt contents _____

drying method _____

Special storage requirements: unstable (degradation half-life _____)

light sensitive 4 °C -20 °C -80 °C

Rate on scale of 1..5 (5 highest)

Toxicity _____ Biohazard _____

Known contaminants: _____

Has the sample ever been exposed to: (Check all applicable)

DETERGENTS:

Tween-20 Triton X-100

SDS Other _____

BUFFERS CONTAINING THE IONS:

Na⁺ K⁺ Ca⁺² Mg⁺²

Other _____

MISCELLANEOUS:

DTT Urea GdmHCl

Colored eppendorf tube

Other _____

STABILIZERS: Glycerol PEG

Other _____

NON-VOLATILE BUFFERS:

TRIS MOPS HEPES

MES Other _____