



Laboratory for Metals in the Environment

MC-ICP-MS Sample Analysis Request

No one is to use the MC-ICP-MS without training and approval of the Laboratory Manager. Anyone who introduces materials into the instrument without approval will have his/her access to the facilities revoked.

Name _____ Phone number _____

e-mail _____ Department _____

Department _____ Advisor _____

RIMS account and fund number _____

Note: a PSU RIMS account is required for billing. Name & email address should match RIMS account info.

Number of samples _____

Basic sample description (soil, rock, water, etc)

Isotope System(s):

____ Li ____ Mg ____ Ca ____ Fe
 ____ Cu ____ Sr _____ Other

Samples submitted for analysis by MC-ICP-MS must meet the following prior to analysis. If they do not, additional sample preparation may be required:

- Purified for element of interest
- 2 mL of solution is required (more is recommended)
- Matrix must be 0.3N ultrapure nitric acid
- Element of interest must be at appropriate concentrations for element of interest (see manager for details)
- Completely dissolved and free of particulates

FORM MUST BE SUBMITTED AND APPROVED ANALYSIS CAN BE PERFORMED

For manager's purpose only:

Dissolution required? Y/N _____ Purification Method _____

Dilution Required? Y/N _____ Person analyzing sample _____

Stds Needed _____

Additional Work Needed on _____ ICP-MS _____ ICP-AES

Date Rec'd _____ Run _____ Billed _____