



ICP-MS Requisition Form
Advanced Materials Research Centre (AMRC), Kamand Campus
Indian Institute of Technology Mandi, Himachal Pradesh-175075
Email: amrcoffice@iitmandi.ac.in



User Information

User: _____ Supervisor: _____ Date: _____

- Name of Institute/University: _____
- Contact no & E-mail Id: _____
- Billing Address: _____

User From: IIT Mandi (_____) Academic from Himachal-Pradesh (_____) Academic from outside Himachal-Pradesh (_____) Industrial User (_____) _____

Samples Details & Payment Details

No. of Samples: _____ Transaction id: _____ Amount Rs.: _____

- Type of sample (water, biological material, rocks, aerosol, soil, sediment, manufactured chemicals, etc.) _____

Analysis Details

Name of Elements to be analyzed: _____

Sr. No.	Sample Description	
1	Total number of samples	
2	State of the sample (aqueous, acid extract, etc.)	
3	Composition of extract (e.g., types of acids)*	
4	pH	
5	Was HF used for digestion? (Yes/No)**	
6	For samples containing organic matter, was digestion carried out? (Yes/No)***	
7	Suspended particulate matter content (%)****	
8	Approx. concentration range of target elements (ppm, ppb, etc.)	
9	Has sample been filtered through 0.22 μ filter? (Yes/No)	
10	Is speciation required? If yes, details	
11	Is single nanoparticle analysis required? If yes, details	
12	Any other information	

*Acid concentration in the final extract has to be <5%

**Samples extracted with HF digestion cannot be run on the ICP-MS system

***Acid digestion is mandatory for samples with high organic matter content

****Samples must be filtered through 0.22 μ m syringe filter

NOTE: (Please read carefully before preparing/analyzing samples)

- ☐ Providing accurate details of the samples is mandatory. Samples should be properly labelled.
- ☐ The metals included in the standard mixture available at AMRC are: Ca, Fe, K, Mg, Na, Ag, Al, As, Ba, Be, Cd, Co, Cr, Cu, Mn, Mo, Ni, Pb, Sb, Se, Th, Tl, U, V, Zn, Hg, and W. For testing any additional metals not included in this standard mixture, users are required to provide their own standard mixture.
- ☐ All samples will have to be filtered via 0.22 μ m syringe filter by the user in the presence of the AMRC operator. For external samples, the operator will filter the samples and the charges for this are included in the price.
- ☐ At least 10-15 ml must be provided for each sample.
- ☐ AMRC will not under any circumstances store samples after analysis.
- ☐ The user should acknowledge "LC-ICP-MS facility, Advanced Materials Research Centre, IIT Mandi" in any subsequent publications/reports generated based on the results.
- ☐ Undersigning the documents implies that the user and associated PI/Supervisor guarantee the accuracy of all information provided in terms of the description of the samples and that they will comply with all listed protocols.

Undertaking:

I, _____ the undersigned hereby declare that the samples being supplied for analysis are for academic and/or research and development purpose only and the results of the analysis will not be used for settling any legal issues.

Signature of research scholar/ indenter

Signature of the Supervisor (with stamp)

Name

Designation

Terms and Conditions:

- Analysis on samples will be done only after receiving the analytical charges and complete details of analysis.
- External users will not be allowed to handle instruments under any circumstances
- IIT Mandi reserves the right to return the samples without performing the analysis and refund the analytical charges under special circumstances.
- If user want to get the original receipt or samples back then they have to send the envelop with fixed the post ticket.

Address for Correspondence:

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