

**ICP-MS TESTING & ANALYSIS  
SERVICE**

**For Laboratory Use Only**

Received date : \_\_\_\_\_  
 Ref. no. : ICP/A/2024/\_\_\_\_\_  
 Quotation no. : Q/ICP-MS/2024/\_\_\_\_\_  
 Date completed : \_\_\_\_\_

**APPLICANT INFORMATION**

NAME : \_\_\_\_\_  
 SUPERVISOR : \_\_\_\_\_  
 MATRIX NO : \_\_\_\_\_  
 Please (√) at the relevant box:  
 RESEARCH ASSISTANT  
 UNDERGRADUATE / PROJECT STUDENT  
 POSTGRADUATE (Master/PhD)  
 OTHERS (Postdoctoral/lecturer)

CONTACT NO. : \_\_\_\_\_

EMAIL : \_\_\_\_\_

**SAMPLE INFORMATION**

- Plants  
 Soils/sediments  
 Drugs  
 Serum and plasma  
 Foodstuffs  
 Beverages  
 Oil/petrol  
 Water/river/ lake/ seawater  
 Others

**DETAILS OF ANALYSIS**

Sample code/ sequence	Trace metals analysis	Remark
		Available calibration standards (multi-element) Ag, Al, As, Ba, Be, Ca, Cd, Co, Cr, Cs, Cu, Fe, Ga, Hg, K, Li, Mg, Mn, Na, Ni, Pb, Rb, Se, Sr, Tl, U, V, Zn
		Usage of multi-element standards calibration <input type="checkbox"/> Using department standard <input type="checkbox"/> User provide
		Other standards user provide. E.g. single element. Please specify:
		Remark: Any special request for sample analysis Please specify:

**CONFIRMATION OF USING SERVICE**

Applicant signature : \_\_\_\_\_

Date : \_\_\_\_\_

**RESEARCH FUND INFORMATION**

(1) For Internal Grant (UMRG, PPP, BKP..) and External Grant (SCIENCE Fund, FRGS.)

**Please do fund transfer to**

Account : AKAUN BUKU PETUNJUK JABATAN KIMIA J-21030-UM.0000003/KWJ.NP.BP  
 Revenue Code : H724001  
 Description : Usage of ICP-MS instrument  
 Amount : As per service charge

(2) Service charge as follow. For **latest charge** please refer to Chemistry Department Central Facility Website: cenfac.um.edu.my

Equipment	No. of element detection	Price (RM/sample)		Standard solution preparation
		Chemistry Department	Faculties within UM	
ICP-MS	≤ 5 elements	40	50	100
	6 - 12 elements	80	90	
	13 - 20 elements	150	160	

(3) The print-out Invoice Commitment must be approved by Supervisor and Head of Department.

(4) Please submit Invoice Commitment together with this application form.

**I agree to make the payment in accordance to the service charge issued by Department of Chemistry, Faculty of Science, University of Malaya**

RESEARCH GRANT NAME : RESEARCH GRANT NO. :

SUPERVISOR'S SIGNATURE : DATE :  
& OFFICIAL STAMP

**IMPORTANT INFORMATION**

- User(s) are required to:
  - Supply their own standard solutions if such standard are not available in the ICP-MS laboratory
  - Complete the form prior to analysis
  - Do fund transfer
- All samples must be diluted to **at least 100 times** (DF 100:1) before analysis
- Samples with high organic contents (including organic solvents) **are not suitable** to be analyzed by this instrument
- Training will be provided upon request. Trained user are allowed to use the instrument under the supervision of ICP-MS staff

For any queries please contact:

Resource person	Name	Phone	Email
Science Officer	Ms. Nur Izzati Abdol Rasul	03-7967 4067 / 2109	n_izzati@um.edu.my

ICP-MS Laboratory, Block A  
 Chemistry Department  
 Faculty of Science  
 University of Malaya  
 50603 Kuala Lumpur, Malaysia