


|  |   |                   |            |
|--|---|-------------------|------------|
|  <b>UTM</b><br>UNIVERSITI TEKNOLOGI MALAYSIA | <b>PUSAT PENGURUSAN MAKMAL<br/>         UNIVERSITI (PPMU)</b> | Form Num.         | UURL/F/49  |
|  |   | Version           | 1/2023     |
|  |   | Effective Date    | 01/02/2023 |
|  |   | Equipment         | AAS/ICPOES |
|  |   | Sample Serial No. | UURL/      |
| <b>ANALYTICAL CHEMISTRY LABORATORY</b>   |   |                   |            |
| <b>SAMPLE SUBMISSION FORM (INDUSTRY)</b>   |   |                   |            |

**General Rules and Requirements:**

- All information provided should be true
- Booking will be notified/updated by email
- Booking procedure
  - Submit the complete application form to UURL Sample Acceptance Counter
  - Fast Lane is offered to non-UTM customers with an additional 50% charge from the normal price**
- Sample Condition & Preparation
  - PPMU has the right to cancel any analysis if the sample is suspected to have a high risk on the safety of the operator or can cause damage to the instrument during the analysis. The cost of damages will be borne by the customer.**
  - The remaining samples will be disposed of within a month after analysis is completed.**
- All enquiries regarding **AAS/ICPOES** should be forwarded to the Science Officer, Mrs Norzubaidha Ismail / Assistant Science Officer, Ms Siti Nurul Aini Asbullah (email: [norzubaidha@utm.my](mailto:norzubaidha@utm.my), [snurulaini@utm.my](mailto:snurulaini@utm.my), tel: 07-5557720/07-5557729) or visit our website at [ppmu.utm.my](http://ppmu.utm.my).

| 1. APPLICANT'S PERSONAL PARTICULARS   |   |                |                          |                              |                          |                   |                          |                |                          |
|---------------------------------------|---|----------------|--------------------------|------------------------------|--------------------------|-------------------|--------------------------|----------------|--------------------------|
| Name of Applicant                     |   |                |                          |                              |                          |                   |                          |                |                          |
| Hand Phone No                         |   |                |                          |                              |                          |                   |                          |                |                          |
| Email                                 |   |                |                          |                              |                          |                   |                          |                |                          |
| Department/Division                   |   |                |                          |                              |                          |                   |                          |                |                          |
| Signature & Official Stamp            | *A digital signature is not recommended. Any matters raised in the future are beyond our responsibilities |                |                          |                              |                          |                   |                          |                |                          |
| 2. COMPANY DETAILS                    |   |                |                          |                              |                          |                   |                          |                |                          |
| Name                                  |   |                |                          |                              |                          |                   |                          |                |                          |
| Registration No.                      |   |                |                          |                              |                          |                   |                          |                |                          |
| Address                               |   |                |                          |                              |                          |                   |                          |                |                          |
| Telephone No.                         |   |                |                          |                              |                          |                   |                          |                |                          |
| Email                                 |   |                |                          |                              |                          |                   |                          |                |                          |
| Mode of Payment                       | <input type="checkbox"/>  | Cash           | <input type="checkbox"/> | EFT                          | <input type="checkbox"/> | Invoice           | <input type="checkbox"/> | Fast Lane      | <input type="checkbox"/> |
| 3. SAMPLE INFORMATION (AAS)           |   |                |                          |                              |                          |                   |                          |                |                          |
| No. of Sample                         |   |                |                          |                              |                          |                   |                          |                |                          |
| Type of Sample (Eg: Water, Soil)      |   |                |                          |                              |                          |                   |                          |                |                          |
| Name of Sample (as labeled on sample) |   |                |                          |                              |                          |                   |                          |                |                          |
| Sample Properties                     | <input type="checkbox"/>  | Toxic          | <input type="checkbox"/> | Carcinogenic                 | <input type="checkbox"/> | Normal            | <input type="checkbox"/> |                |                          |
| Digestion of Sample (Already Digest?) | <input type="checkbox"/>  | Yes            | <input type="checkbox"/> | No (Please Fill in MOD form) | <input type="checkbox"/> | No Need           | <input type="checkbox"/> |                |                          |
| Name of Solvent Used (if Yes)         |   |                |                          |                              |                          |                   |                          |                |                          |
| Element (please tick $\surd$ )        | <input type="checkbox"/>  | Aluminium (Al) | <input type="checkbox"/> | Arsenic (As)                 | <input type="checkbox"/> | Cadmium (Cd)      | <input type="checkbox"/> | Calcium (Ca)   | <input type="checkbox"/> |
|                                       | <input type="checkbox"/>  | Chromium (Cr)  | <input type="checkbox"/> | Copper (Cu)                  | <input type="checkbox"/> | Ferum / Iron (Fe) | <input type="checkbox"/> | Magnesium (Mg) | <input type="checkbox"/> |
|                                       | <input type="checkbox"/>  | Manganese (Mn) | <input type="checkbox"/> | Mercury (Hg)                 | <input type="checkbox"/> | Nickel (Ni)       | <input type="checkbox"/> | Plumbum (Pb)   | <input type="checkbox"/> |
|                                       | <input type="checkbox"/>  | Sodium (Na)    | <input type="checkbox"/> | Stannum / Tin (Sn)           | <input type="checkbox"/> | Zinc (Zn)         | <input type="checkbox"/> |                | <input type="checkbox"/> |
| Instrument                            | <input type="checkbox"/>  | Flame AAS      | <input type="checkbox"/> | Graphite Furnace             | <input type="checkbox"/> | Mercury Analyzer  | <input type="checkbox"/> |                | <input type="checkbox"/> |



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**ANALYTICAL CHEMISTRY LABORATORY  
SAMPLE SUBMISSION FORM (INDUSTRY)**

**4. SAMPLE INFORMATION (ICPOES)**

|  |                |  |                              |  |                |  |                 |  |  |  |  |
|--|----------------|--|------------------------------|--|----------------|--|-----------------|--|--|--|--|
| No. of Sample                            |                |  |                              |  |                |  |                 |  |  |  |  |
| Type of Sample (Eg: Water, Soil)         |                |  |                              |  |                |  |                 |  |  |  |  |
| Name of Sample<br>(as labeled on sample) |                |  |                              |  |                |  |                 |  |  |  |  |
| Sample Properties                        | Toxic          |  | Carcinogenic                 |  | Normal         |  |                 |  |  |  |  |
| Digestion of Sample (Already Digest?)    | Yes            |  | No (Please Fill in MOD form) |  | No Need        |  |                 |  |  |  |  |
| Name of Solvent Used                     |                |  |                              |  |                |  |                 |  |  |  |  |
| Element<br>(please tick ✓)               | Aluminium (Al) |  | Antimony (Sb)                |  | Arsenic (As)   |  | Barium (Ba)     |  |  |  |  |
|  | Beryllium (Be) |  | Boron (B)                    |  | Cadmium (Cd)   |  | Calcium (Ca)    |  |  |  |  |
|  | Chromium (Cr)  |  | Cobalt (Co)                  |  | Copper (Cu)    |  | Iron (Fe)       |  |  |  |  |
|  | Lead (Pb)      |  | Magnesium (Mg)               |  | Manganese (Mn) |  | Molybdenum (Mo) |  |  |  |  |
|  | Nickel (Ni)    |  | Potassium (K)                |  | Selenium (Se)  |  | Silicon (Si)    |  |  |  |  |
|  | Silver (Ag)    |  | Sodium (Na)                  |  | Strontium (Sr) |  | Thalium (Tl)    |  |  |  |  |
|  | Titanium (Ti)  |  | Vanadium (V)                 |  | Zinc (Zn)      |  | Phosphorus (P)  |  |  |  |  |
|  | Platinum (Pt)  |  | Paladium (Pd)                |  |                |  |                 |  |  |  |  |
| Estimated Concentration Level            | ppm            |  | ppb                          |  |                |  |                 |  |  |  |  |