

# Mass Spectrometry Request Form III (LC/MS, LC/MS/MS Service)

Department of Chemistry, NUS

Field with \* must fill. Incompletely filled sections may result in sample rejection!

## Contact Details\*:

### Information of Submitter

Name of Submitter: \_\_\_\_\_

Dept./Organization: \_\_\_\_\_

Email: \_\_\_\_\_

Tel: \_\_\_\_\_

### [NUS Only]

WBS No: \_\_\_\_\_

**Your signature is required for analysis request and agree pay for services. For NUS customer, your signature also authorize us to bill you by the WBS No you provided.**

Billing address (for non-NUS customer): \_\_\_\_\_

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

### Information of Supervisor

Name of Supervisor: \_\_\_\_\_

Dept./Organization: \_\_\_\_\_

Email: \_\_\_\_\_

Tel: \_\_\_\_\_

Signature of Supervisor: \_\_\_\_\_

## Sample Details:

Sample ID\*: \_\_\_\_\_ (Alphanumeric) Retain sample:  Yes

Proposed Formula/Structure/Elements present/Other Information: \_\_\_\_\_ Acquired data confidential:  Yes

Molecular weight: \_\_\_\_\_ Stability: \_\_\_\_\_

Storage (room temp, fridge, freezer): \_\_\_\_\_ Toxicity issues: \_\_\_\_\_

**Type of Samples:** Select all suitable types and field with \* must be filled

**Solution samples:** Concentration of sample: \_\_\_\_\_ Solvent\*: \_\_\_\_\_

**Dry samples:** Amount submitted: \_\_\_\_\_ Soluble in\*: \_\_\_\_\_

**Others:** Please give details\*: \_\_\_\_\_

**Analysis Requirement:** (Note: The dynamic range of GC-HRMS is low. Peak is easy to saturate.)

LCMS Ionization Mode & MS/MS:  ESI or  APCI /  MS/MS ion(s) of interest: \_\_\_\_\_

Details of column: \_\_\_\_\_

Mobile phase A: \_\_\_\_\_ Mobile phase B: \_\_\_\_\_

LC flow rate: \_\_\_\_\_ Injection volume: \_\_\_\_\_

Using column oven, temperature: \_\_\_\_\_

Need UV results, wavelength: \_\_\_\_\_ (not guarantee providing)

HPLC separation program:  Isocratic  Gradient Please give details: \_\_\_\_\_

Note: Data acquired will be stored in the instrument hard disk for 3 months. For external samples, it will be stored for half year.

For important and confidential information, please keep a backup copy for yourself and request laboratory officer to delete from the hard disk.

*The services provided are purely scientific purposes and are not to be used in any court of law.*