

Mass Spectrometry Request Form II (GC/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.)

GC-MS Accurate GC-HRMS GC-HRMS/MS Accurate GC-HRMS/MS

GC-HRMS, Reason**: _____

Ionization Mode: **EI** MS scan range: _____ Ion(s) of interest: _____

Details of column: _____

Carrier gas: **Helium** Flow rate: _____

GC conditions: Injector temp.: _____ Splitless/ Split, Split ratio: _____

Detector temp: _____ Injection volume: _____

GC separation program: 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.

** If you require using GC-HRMS, you need provide us reason.

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