



**UTM**  
UNIVERSITI TEKNOLOGI MALAYSIA

**PUSAT PENGURUSAN MAKMAL  
UNIVERSITI (PPMU)**

Form Num.	UURL/F/28
Revision No.	1/2021
Effective Date	01/05/2021
Equipment	LC SEMIPREPARATIVE JAI 9160 II NEXT
Sample Serial No.	

**ADVANCED MASS SPECTROMETRY LABORATORY  
SAMPLE SUBMISSION FORM**

**General Rules and Requirement:**

- All information provided should be true
- Booking will be notified/updated by email or phone
- Booking procedure
  - Complete the application form including valid research vote number
  - Submit the completed application form to UURL Sample Acceptance Counter
- Sample Condition & Preparation
  - PPMU has the right to cancel any analysis if the sample is suspected to have 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 sample must be an organic compound and filtered in a silica column**
- All inquiries regarding LC SEMIPREPARATIVE JAI 9160 II NEXT should be forwarded to the Science Officer Mdm Malahah binti Mohamed (ext: 07 5557729/57718, email: malahah@utm.my)

**1. APPLICANT'S PERSONAL PARTICULARS**

Name of Applicant						
Status of Applicant	<input type="checkbox"/> Undergraduates	<input type="checkbox"/> Master	<input type="checkbox"/> PhD	<input type="checkbox"/> Researcher		
Student Matric No.						
Faculty/ Department						
Hand Phone No. & Email						

**2. SUPERVISOR DETAILS (for internal applicant and academic institution only)**

Name of Supervisor						
Staff ID No.						
Faculty/Department						
Hand Phone No.						
Email						
Mode of Payment	<input type="checkbox"/> Cash	<input type="checkbox"/> EFT	<input type="checkbox"/> Log card	<input type="checkbox"/> Invoice		
*Payment using invoice	Research Vot No. (e.g.: QJ091600.24C3.01D32)					
	Balance of V29000					
Signature & Official Stamp						

**3. SAMPLE INFORMATION**

Name of Sample						
Type of Sample	<input type="checkbox"/> Liquid	<input type="checkbox"/> Powder				
Type of column	<input type="checkbox"/> JAIGEL H (mobile phase and sample can dissolve in chloroform only)	<input type="checkbox"/> ODS (mobile phase and sample can dissolve in methanol only)				
Weight of sample (Minimum weight of sample 1gm)						
Molecular Weight (MW)						

**4. ANALYSIS INFORMATION**

Type of Sample Preparation (Silica purification is compulsory for each sample)	<input type="checkbox"/> Synthesized Compound	<input type="checkbox"/> Toxic Compound
	<input type="checkbox"/> Natural Product (Extraction/Isolation)	<input type="checkbox"/> Carcinogen Compound
Wavelength (The wavelength of a sample should be obtained with U-VIS Detector before performing analysis using LC Semipreparative JAI 9160 II Next, Scan range: 200-800nm)	1 <sup>st</sup> peak (nm)	3 <sup>rd</sup> peak (nm)
	2 <sup>nd</sup> peak (nm)	4 <sup>th</sup> peak (nm)
Additional Information (eg. Buffer & Solubility)		