

JOB	NO.	
JUD	NU.	

REQUEST FORM

CUSTOMER INFORMATION				
Company / Laboratory Name				
Company / Laboratory				
Address				
Customer Details	Name			
	HP/Tel (O)			
	Email			
Sample Description (attach details, eg. datasheet)				
Submission Date		(Note: Expected delivery date, refer to T&C No.5)		

Rev No: 5

TYPE OF SERVICES/FACILITIES: (please tick √)

TYPE OF SERVICES/FACILITIES: (please tick √) SERVICES/F/	ACILITIES			
Туре	Please (√)	Quantity	Unit Price (RM)	Extended Price (RM)
Nuclear Magnetic Resonance (NMR)				
2. Sample Preparation (Coating/CPD)				
3. GCMS				
4. GCMS/MS				
5. Confocal Laser Scanning Microscope				
6. Field Emission Scanning Electron Microscope (FESEM)				
7. Energy dispersive X-ray (EDX)				
8. Differential Scanning Calorimeter (DSC)				
Simultaneous Thermal Analyzer (STA / Thermal Gravimetric Analyzer (TGA)				
10. Surface Area Analyzer (BET)				
11. Dynamic Mechanical Analyzer (DMA)				
12. DNA Sequencer				
13. Real Time PCR				
14. Particle Image Velocimetry (PIV)				
15. QTOF LC-MS / LC-MS/MS				
16. UHPLC				
17. Rheometer				
18. Tensiometer				
19. Ellipsometer				
20. Others:				
			Total (RM)	

TEL: 03-7967 4619 FAX: 03-7967 4644

^{*} Please list your samples ID/name in respective analysis form for reference



TERMS AND CONDITIONS

- 1. Please submit this form together with detailed information of the sample, parameters, method etc (as indicated in the "Sample Description" column under the "Customer Info" section)
- 2. Kindly return, to the office, the original copy of this Request Form together with invoice commitment/inter journal transfer/proof of payment/Purchase Order from your company according to the total amount offered before proceed with analysis
- 3. Payment term is 100% upon agreement and the payment must be made within fourteen (14) days after invoice is issued. The payment is subject to one (1) year validity from date of submission.
- 4. Cancellation of testing can be made by the customer but no refund will be provided for any payment that has been submitted. Please get our consultation and refer to acceptance criteria of samples before proceed the payment. (Consideration is given to change the type of testing)
- 5. The laboratory will provide test results within 15 working days (or more, with agreement by both parties), calculated upon receiving complete payment.
- 6. The quoted price is valid only for one-time test. If the test (or any sub-test) needs to be repeated for any reason (other than mistakes on laboratory's side), new charges will be incurred.
- 7. The laboratory has the rights to reject the test request. No fees will be charged if the test is rejected.
- 8. All payment shall be made via:
 - i. Online transaction: umpoint.um.edu.my or epay.um.edu.my (IPPP-Makmal Analisis INFRA)
 - ii. By grant: 'Akaun Aktiviti Makmal Perkhidmatan IPPP' (UM.0000096/KWJ.AK)
 - iii. Invoice: Bendahari Universiti Malaya (CIMB: 8001279998)
- 9. Please put your samples in glass vials or plastic pack with proper labeling and send to the laboratory personnel.
- 10. The test report will be provided along with samples. Please collect your sample within 30 days from the date of release report otherwise it will be disposed by following the guidelines. We will not liable for any violation regulation by you.
- 11. Please clarify if your sample is toxic/hazardous to health
- 12. T&C are subject to change without prior notice.

I have read and agree the Term and Condition above						
Type of Payment	Deposit/Online Transfer/Cheque		Grant/Vote/Allocation Acc. No.:		Invoice	

Please tick ($\sqrt{}$)

TEL: 03-7967 4619 FAX: 03-7967 4644



Customer declaration	n, signature & stamp*	FOR OFFICE USE ONLY		
RM from	Bendahari UM to debits total amount of m stated grant/vote/allocation to 'Akaun hidmatan IPPP' for this service charge.			
I hereby agree with all	terms & condition stated above.	Received by	:	
Customer Signature	:	Date	:	
Date	:			
Supervisor Signature & Stamp	:	Approved by	(TM/DTM/Technical Staff)	
Date	:	Date	·	

FOR LABORATORY USE ONLY

ACCEPTANCE AND REJECTION CRITERIA				
SERVICES/FACILITIES	ACCEPTANCE CRITERIA	YES (√)	NO (√)	
Nuclear Magnetic Resonance (NMR)	Sample weight: at least 20 mg and homogenized Use the 5 mm NMR sample tube. (No breakage tube used) Sample must be fully dissolved in deuterated solvents with amount at least 600ul or 4cm height Sample must be free from bubble, metal and particulate			
Sample Preparation (Coating / CPD)	Critical Point Dryer: 1. Please prepared the sample (eg: bacteria, fungi, insect or etc) in 4% gluteraldyhyde solution. 2. Minimum size: 2mm x 2mm (biology sample) and 10mm x 10mm (solid sample) 3. Sample dissolve in pure acetone solution			
	Sputter Coater (Gold/Carbon): • Mounted or fit on Aluminum Stub.			
GCMS	Volatile compounds must have boiling points below 280°C If unknown concentration, prepare in 3 types of concentration as below: 1. 2 ppm 2. 5 ppm 3.10 ppm All samples completely dissolved in solvent. Preferably acetone or Dichloromethane. Strictly no chloroform! Provide method or parameter Amount of Sample: 0.5 -1.5ml Prepare in to GCMS vial.			
GCMS/MS	Comply with all the above GCMS terms. SIM 1. Standard solution provided by customer. 2. At least 3 different standard concentrations for standard curve.			

TEL: 03-7967 4619 FAX: 03-7967 4644



Linear Protect Protect Protect Protect Pr		Direct Probe	ı	
2. Hornogeneous powder 3. Bolling point 400°C Amount of Samplie: 0.5 - 1.5ml Propare in to vial Proferably the stained sample has been viewed under fluorescence microscope Thickness of sample did not exceed 200µm. Stained with fluorescent dyels (Please provide the excitation and emission wavelength) Fixed sample mounted on the glass slide covered with coversilp. Live cell must be put in a dish with optical glass bottom. Sample mounted on the glass slide covered with coversilp. Live cell must be put in a dish with optical glass bottom. Sample size - very minimal (solid or semi-solid (ESEM). For charging / life sample can procead with sample preparation (gold costing /chemical treatment). Sample size - very minimal (solid or semi-solid (ESEM). For charging / life sample can procead with sample preparation (gold costing /chemical treatment). Sample size - very minimal (solid or semi-solid (ESEM). For charging / life sample can procead with sample preparation (gold costing /chemical treatment). Sample size - very minimal (solid or semi-solid (ESEM). For charging / life sample can procead with sample preparation (gold costing /chemical treatment). Sample size - very minimal (solid or semi-solid (ESEM). For charging / life sample can procead with sample preparation (gold costing /chemical treatment). Sample size - very minimal (solid or semi-solid (ESEM). For charging / life sample can procead with sample preparation (gold costing /chemical treatment). Sample size - very minimal (solid or semi-solid (ESEM). For charging / life sample can procead with sample preparation (gold costing /chemical treatment). Sample size - very minimal (solid or semi-solid (ESEM). For charging / life sample can procead with sample preparation (gold costing /chemical treatment). Sample size - very minimal (solid or semi-solid (ESEM). For charging / life sample can procead with sample preparation (gold costing /chemical treatment). Sample size - very minimal (solid or semi-solid (ESEM). For charging / life sample can procead with sample pr		Direct Probe 1 Pure sample		
3. Soling point 400°C Amount of Sample: 0.5 -1.5ml Propare in to vial Preferably the stained sample has been viewed under Increasence microscope Thickness of sample did not oxceed 200µm. Stained with fluorescent dyels (Please provide the excitation and emission wavelength) Fried sample mounted on the glass slide covered with covereils. Live cell must be put in a dish with optical glass bottom. Sample size - very minimal (solid or semi-solid (ESEM). For charging / lite sample can proceed with sample preparation (gold coating richamical treatment). Surface Area Analyzer (BET) Surface Area				
Prepare in to vial Prepare in to vial Preferably the stained sample has been viewed under fluorescence microscope Thickness of sample did not exceed 200 µm. Stained with fluorescent dyers (Please provide the excitation and mission wavelength) Fixed sample mounted on the glass slide covered with coversity. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Energy dispersive X-ray (EDX) Energy dispersive X-ray (EDX) Sample size - very minimal (solid or semi-solid (ESEM), For charging / life sample can proceed with sample preparation (gold coating / chemical treatment). Sample size - very minimal folid or semi-solid (ESEM), For charging / life sample can proceed with sample preparation (gold coating / chemical treatment). Sample size - very minimal folid or semi-solid (ESEM), For charging / life sample can proceed with sample preparation (gold coating / chemical treatment). Sample weight at least 0.1 g Melting point: More than 200 °C Surface Area Analyzer (BET) Sample weight at least 5 mg and homogenized Sample must be made for any method or any method or any method or parameter (refer to journal) Provide STAT/CA results for reference Permitter ange between 30°C to 800°C Sample must be miscli form and can be cut into rectangle with size of the company of the sample size with size of the company of the sample size with size of the company of the sample size with size of the company of the sample size of the company of the				
Confocal Laser Scanning Microscope Confocal Laser Scanning Microscope Thickness of sample did not exceed 200µm. Stained with fluorescence dye's (Please provide the excitation and emission wavelength) Fixed sample mounted on the glass slide covered with coversilly. Live cell must be pur in a dish with optical glass bottom. Sample size - very minimal (solid or semi-solid (ESEM), For charging / lite sample can proosed with sample preparation (gold coating / chemical treatment). Surface Area Analyzer (BET) Surface Area Analyzer (BET) Surface Area Analyzer (BET) Surface Area Analyzer (BET) Differential Scanning Calorimeter (ISC) Sample very province of the margin of the sample transport of the sample very province		Amount of Sample: 0.5 -1.5ml		
Energy dispersive X-ray (EDX) Sample size - very minimal (solid or semi-solid (ESEM), For charging / It is sample mounted on the glass slide covered with coversilip. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be put in a dish with optical glass bottom. Live cell must be expended and preparation (gold coating / Live cell must be expended and ready of the cell glass of the preparation of the dish glass of the preparation of the prepa				
Confocal Laser Scanning Microscope Thickness of sample did not exceed 200µm. Slained with fluorescent dyels (Please provide the excitation and emission wavelength) Fied sample mounted on the glass slide covered with coversilp. Live cell must be put in a dish with optical glass bottom. Sample size - very minimal (solid or semi-solid (ESEM), For department of coating (rhemical treatment). Energy dispersive X-ray (EDX) Surface Area Analyzer (BET) Surface Area Analyzer (BET) Surface Area Analyzer (BET) Surface Area ange: at least 1 m²/g. Sample view beight: at least 0.1 g Mehting point: More than 200 °C Surface Area ange: at least 1 m²/g. Sample bye: Solid (Film to sample tube with diameter.~10mm) Sample weight at least 5mg and homogenized Sample in small size which can fit into designated aluminum pan. (Solid material only). Temperature range between -70°C to 550°C Provide STATTGA results for reference Sample in small size which can fit into designated ceramic crucible Sample in small size which can fit into designated ceramic crucible Sample in small size which can fit into designated deramic crucible Sample in small size which can fit into designated ceramic crucible Sample in small size which can fit into designated ceramic crucible Sample in small size which can fit into designated ceramic crucible Sample must be in solid form and can be cut into rectangle with size: Width 0.1-10 mm Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size: Width 0.1-10 mm Thickness 0.1-5mm Long 20-30mm Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Adequate DNA quantity Sample must be in Solid and a cycle sequencing method or the sample blocks of the Quant Studio 12xF free yetern Micro Amp Optical 96 - Well fast reaction plate with bar code Micro Amp Optical 98 - Well fast reaction plate with bar code Micro Amp Optical 96 - Well fast reaction plate with bar code Array card Experiment set-up mu				
Stained with fluorescent dyels (Please provide the excitation and mission wavelength) Fixed sample mounted on the glass slide covered with coversilp. Live cell must be put in a dish with optical glass bottom. Provided the excitation and mission wavelength				
and emission wavelength) Fixed sample mounted on the glass slide covered with coversilp. Live cell must be put in a dish with optical glass bottom. Fixed Emission Scanning Electron Microscope (FESEM) Energy dispersive X-ray (EDX) Energy dispersive X-ray (EDX) Sample size - very minimal (solid or semi-solid (ESEM). For dispersive X-ray (EDX) Sample weight: at least 0.1 g Meiting point: More than 200 °C Surface Area Analyzer (BET) Surface Area Analyzer (BET) Surface Area range: at least 1 m²/g. Sample weight: at least 0.1 g Meiting point: More than 200 °C Surface Area range: at least 1 m²/g. Sample weight: at least 0.1 g Meiting point: More than 200 °C Surface Area range: at least 1 m²/g. Sample weight at least 5 mg and homogenized Sample weight at least 5 mg and homogenized Sample in small size which can fit into designated aluminum pan. (Solid material only) Temperature range between -70°C to 550°C Provide STATCA results for reference Sample weight at least 5 mg and homogenized Sample in small size which can fit into designated ceramic crucible Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size: 1 Thickness 0.1-5 mm 1 Long 20-30mm Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any melhod necessary Aequete DNA quantity Sample must be DNA or RNA Specialized consumables to be used, appropriate for the sample blocks of the Quant Studio 12K Fixx system Micro Amp Optical 38 – Well fast reaction plate with bar code Micro Amp Optical 38 – Well fast reaction plate with bar code Micro Amp Optical 38 – Well fast reaction plate with bar code Array card Experiment set-up must be appropriate with the room size and defendence of the pure stream of the pure stream of				
Coversip. Live cell must be put in a dish with optical glass bottom.	Confocal Laser Scanning Microscope	and emission wavelength)		
Live cell must be put in a dish with optical glass bottom.				
Sample size - very minimal (solid or semi-solid (ESEM)) For charging / life sample can proceed with sample preparation (gold coating /chemical treatment).				
charding / life sample can proceed with sample preparation (gold coating /chemical treatment). Energy dispersive X-ray (EDX) Energy dispersive X-ray (EDX) Sample size - very minimal (solid or semi-solid (ESEM). Detection limit: Depend on element, KV and LLD. Sample weight: at least 0.1 g Metting point: More than 200 °C Surface Area Analyzer (BET) Differential Scanning Calorimeter (DSC) Differen				
Igold coating /chemical treatment). Igold coating /chemical treatment.				
Detection limit: Depend on element, KV and LLD. Sample weight: at least 0.1 g Melting point: More than 200 °C Surface Area Analyzer (BET) Sample weight at least 1.1 m²/g. Sample type: Solid (Fit into sample tube with diameter: 10mm) Differential Scanning Calorimeter (DSC) Differential Scanning Calorimeter (DSC) Sample weight at least 5mg and homogenized Sample in small size which can fit into designated aluminum pan. (Solid material only) Temperature range between -70°C to 550°C Provide STATGA results for reference Sample weight at least 5mg and homogenized Sample in small size which can fit into designated ceramic crucible Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size: Width 0.1-10 mm Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any method necessary method necessary Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used, appropriate for the sample block of the Quant Studio 12K Flex system Micro Amp Optical 384 – Well fast reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Array card Particle Image Velocimetry (PIV) Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Addic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)	Microscope (FESEM)			
Surface Area Analyzer (BET) Surface Area range: at least 1 m²/g. Sample type: Solid (Fit into sample tube with diameter:-10mm) Sample weight at least 5m gand homogenized Sample in the case of the content of the con	Energy dispersive X-ray (EDX)			
Surface Area Analyzer (BET) Surface Area range: at least 1 m²/g. Sample type: Solid (Fit into sample tube with diameter:-10mm) Differential Scanning Calorimeter (DSC) Differential Scanning Calorimeter (DSC) Sample weight at least 5mg and homogenized Sample weight at least 5mg and homogenized Sample with can fit into designated aluminum pan. (Solid material only) Temperature range between -70°C to 550°C Provides STA/TGA results for reference Sample weight at least 5mg and homogenized Sample with at least 5mg and homogenized Sample weight at least 5mg and homogenized to 800°C Sample weight at least 5mg and homogenized Sample weight at least 5mg and homogenized to 800°C Sample weight at least 5mg and homogenized to 800°C Sample weight at least 5mg and homogenized to 800°C Sample weight at least 5mg and homogenized to 800°C Sample weight at least 5mg and homogenized to 800°C Sample weight at least 5mg and homogenized to 800°C Sample weight at least 5mg and homogenized to 800°C Sample weight at least 5mg and homogenized to 800°C Sample weight at le		,		
Sample type: Solid (Fit into sample tube with diameter; -10mm) Differential Scanning Calorimeter (DSC) Differential Scanning Calorimeter (DSC) Sample weight at least 5mg and homogenized Sample in small size which can fit into designated aluminum pan. (Solid material only) Temperature range between -70°C to 550°C Provide STA/TGA results for reference Sample weight at least 5mg and homogenized Sample in small size which can fit into designated ceramic crucible Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size. Width 0.1-10 mm Tinickness 0.1-5mm Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used, appropriate for the sample blocks of the Quant Studio 12K Flex system Micro Amp Optical 96 – Well fast reaction plate with bar code Micro Amp Optical 99 – Well fast reaction plate with bar code Micro Amp Optical 99 – Well fast reaction plate with bar code Micro Amp Optical 99 – Well reaction plate with bar code Micro Amp Optical 99 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp O		·		
Sample type: Solid (Fit into sample tube with diameter:-10mm) Differential Scanning Calorimeter (DSC) Sample weight at least 5mg and homogenized Sample weight at least 5mg and homogenized Sample in small size which can fit into designated aluminum pan. (Solid material only) Temperature range between -70°C to 550°C Provide STA/TGA results for reference Sample weight at least 5mg and homogenized Sample weight at least 5mg and homogenized Sample weight at least 5mg and homogenized Sample in small size which can fit into designated ceramic crucible Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size: Width 0.1-10 mm Tinickness 0.1-5mm Long 20-30mm Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used, appropriate for the sample blocks of the Quant Studio 12K Flex system Micro Amp B-Tube Strips(0.1 ml) Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 96 – Well flast reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar cod	Surface Area Analyzer (BET)	Surface Area range: at least 1 m ² /g.		
Differential Scanning Calorimeter (DSC) Sample weight at least 5mg and homogenized Sample mismall size which can fit into designated aluminum pan. (Solid material only) Temperature range between -70°C to 550°C Provide STATGA results for reference Sample mismall size which can fit into designated aluminum pan. (Solid material only) Temperature range between -70°C to 550°C Provide STATGA results for reference Sample weight at least 5mg and homogenized Sample in small size which can fit into designated ceramic crucible Sample must be in solid form and can be cut into rectangle with size:				
Differential Scanning Calorimeter (DSC) Sample in small size which can fit into designated aluminum pan. (Solid material only) Temperature range between -70°C to 550°C Provide STA/TGA results for reference Sample weight at least 5mg and homogenized Sample in small size which can fit into designated ceramic crucible Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size: • Width 0.1-10 mm • Thickness 0.1-5mm • Long 20-30mm Provide method or parameter (refer to journal) DNA Sequencer Real Time PCR Real Time PCR Real Time PCR Particle Image Velocimetry (PIV) Rheometer Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)				
Differential Scanning Calorimeter (DSC) Sample in small size which can fit into designated aluminum pan. (Solid material only) Temperature range between -70°C to 550°C Provide STA/TGA results for reference Sample weight at least 5mg and homogenized Sample in small size which can fit into designated ceramic crucible Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size: • Width 0.1-10 mm • Thickness 0.1-5mm • Long 20-30mm Provide method or parameter (refer to journal) DNA Sequencer Real Time PCR Real Time PCR Real Time PCR Particle Image Velocimetry (PIV) Rheometer Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 - 200 °C Provide method or parameter (refer to journal)		Sample weight at least 5mg and homogenized		
pan. (Solid material only) Temperature range between -70°C to 550°C Provide STA/TGA results for reference Sample weight at least 5mg and homogenized Sample weight at least 5mg and homogenized Sample in small size which can fit into designated ceramic crucible Temperature range between 30°C to 800°C Sample in small size which can fit into designated ceramic crucible Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size: Dynamic Mechanical Analyzer (DMA) Width 0.1-10 mm Thickness 0.1-5mm Unique 20-30mm Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system Micro Amp Optical 96 - Well fast reaction plate with bar code Micro Amp Optical 96 - Well fast reaction plate with bar code Micro Amp Optical 384 - Well reaction plate with bar code Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis: No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 - 200 °C Provide method or parameter (refer to journal)				
Provide TYATGA results for reference Sample weight at least 5mg and homogenized Sample weight at least 5mg and homogenized Sample in small size which can fit into designated ceramic crucible Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size:	(DSC)	pan. (Solid material only)		
Simultaneous Thermal Analyzer (STA) / Thermal Gravimetric Analyzer (TGA) Sample in is mall size which can fit into designated ceramic crucible Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size: • Width 0.1-10 mm • Thickness 0.1-5mm • Long 20-30mm Provide method or parameter (refer to journal) DNA Sequencer Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system • Micro Amp Argonal Studio 12K Flex system • Micro Amp Optical 96 – Well fast reaction plate with bar code • Micro Amp Optical 384 – Well reaction plate with bar code • Array card Particle Image Velocimetry (PIV) Rheometer Sample weight at least 5mg and homogenized Sample in into designated ceramic crucible Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size Width 0.1-10 mm • Thickness 0.1-5mm • Long 20-30mm Provide method or parameter (refer to journal)				
Simultaneous Thermal Analyzer (STA) / Thermal Gravimetric Analyzer (TGA) Thermal Gravimetric Analyzer (TGA) Dynamic Mechanical Analyzer (DMA) Dynamic Mechanical Analyzer (Poly Openation) Dynami				
Thermal Gravimetric Analyzer (TGA) Crucible Temperature range between 30°C to 800°C	Simultaneous Thermal Arelines (CTA)			
Temperature range between 30°C to 800°C Sample must be in solid form and can be cut into rectangle with size: Width 0.1-10 mm Thickness 0.1-5mm Long 20-30mm Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system Micro Amp 8-Tube Strips(0.1 ml) Micro Amp 8-Tube Strips(0.1 ml) Micro Amp Optical 96 – Well fast reaction plate with bar code Micro Amp Optical 384 – Well				
Dynamic Mechanical Analyzer (DMA) Sample must be in solid form and can be cut into rectangle with size: Width 0.1-10 mm Thickness 0.1-5mm Long 20-30mm Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity				
Dynamic Mechanical Analyzer (DMA) • Width 0.1-10 mm • Thickness 0.1-5mm • Long 20-30mm Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system • Micro Amp B-Tube Strips(0.1 ml) • Micro Amp Optical 96 – Well fast reaction plate with bar code • Micro Amp Optical 384 – Well reaction plate with bar code • Array card Particle Image Velocimetry (PIV) Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)		Sample must be in solid form and can be cut into rectangle		
Thickness 0.1-5mm Long 20-30mm Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system Micro Amp 8-Tube Strips(0.1 ml) Micro Amp Optical 96 – Well fast reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)	Dymania Machanias LAssisses (DAAA)			
Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system Micro Amp 8-Tube Strips(0.1 ml) Micro Amp Optical 96 – Well fast reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)	Dynamic wechanical Analyzer (DMA)			
Provide method or parameter (refer to journal) Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system Micro Amp 8-Tube Strips(0.1 ml) Micro Amp Optical 96 – Well fast reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)				
Perform all the purified and cycle sequencing method or any method necessary Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system Micro Amp Optical 96 – Well fast reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)		-		
Adequate DNA quantity Sample must be DNA or RNA Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system • Micro Amp 8-Tube Strips(0.1 ml) • Micro Amp Optical 96 – Well fast reaction plate with bar code • Micro Amp Optical 384 – Well reaction plate with bar code • Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)		Perform all the purified and cycle sequencing method or any	İ	
Real Time PCR Sample must be DNA or RNA Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system • Micro Amp 8-Tube Strips(0.1 ml) • Micro Amp Optical 96 – Well fast reaction plate with bar code • Micro Amp Optical 384 – Well reaction plate with bar code • Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)	DNA Sequencer	,		
Real Time PCR Specialized consumables to be used , appropriate for the sample blocks of the Quant Studio 12K Flex system Micro Amp 8-Tube Strips(0.1 ml) Micro Amp Optical 96 – Well fast reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)		Adequate DNA quantity		
Real Time PCR • Micro Amp 8-Tube Strips(0.1 ml) • Micro Amp Optical 96 – Well fast reaction plate with bar code • Micro Amp Optical 384 – Well reaction plate with bar code • Array card Particle Image Velocimetry (PIV) Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)		Sample must be DNA or RNA		
Particle Image Velocimetry (PIV) Particle Image Velocimetry (PIV) Rheometer Micro Amp 8-Tube Strips(0.1 ml) Micro Amp Optical 96 – Well fast reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)				
Micro Amp Optical 96 – Well fast reaction plate with bar code Micro Amp Optical 384 – Well reaction plate with bar code Array card Particle Image Velocimetry (PIV) Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)	Real Time PCR			
bar code • Micro Amp Optical 384 – Well reaction plate with bar code • Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)	Noai Time FOR			
Micro Amp Optical 384 – Well reaction plate with bar code Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)				
Array card Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range: 0 – 200 °C Provide method or parameter (refer to journal)				
Particle Image Velocimetry (PIV) Experiment set-up must be appropriate with the room size and doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)				
Particle Image Velocimetry (PIV) doesn't affect the environment cleanliness and must follow health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)		Array card		
health and safety procedure for PIV analysis. No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)				
No Acidic, Strong Alkaline and Chlorinated Sample Semi-solid sample ONLY Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)	Particle Image Velocimetry (PIV)			
Rheometer Semi-solid sample ONLY Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)				
Rheometer Temperature range : 0 – 200 °C Provide method or parameter (refer to journal)			—	
Provide method or parameter (refer to journal)	Bloomite	Semi-solia sample UNLY		
	Kneometer	Temperature range : 0 − 200 °C		
Tensiometer Parameter/characteristic must be provided.		Provide method or parameter (refer to journal)		
	Tensiometer	Parameter/characteristic must be provided.		

TEL: 03-7967 4619 FAX: 03-7967 4644



	Acceptable type of sample: a) liquid sample b) soluble sample	
	Homogenous sample	
Ellipsomotor	a) Sample must be in solid form, Fit the sample holder	
Ellipsometer	b) Sample must be homogenous and has a flat surface.	
	Please clarify the sample, solution used and method. Please attached analysis method(s) Chromatography/ spectra Oily and Polymer sample are NOT allowed	
LC-MS / LC-MS/MS / UHPLC	Prepare into vial (clear solution) All solvent/buffer must be at least HPLC grade, below listed are NOT allowed: a) Non polar solvent b) Non-volatile buffer c) Trifluoroacetic acid (not recommended)	

^{*} Please ensure every sample/experiment FREE from toxic or hazardous material (harmful to health), apply to all services/facilities.

Additional Remarks (if any):

Please refer to 'Attachment 1' for service charge

DECISION: ACCEPT / REJECT	Remarks (if any):
Reviewed/Accepted Date	

TEL: 03-7967 4619 FAX: 03-7967 4644