



**INSTITUTE OF NANO OPTOELECTRONICS
RESEARCH AND TECHNOLOGY (INOR)
UNIVERSITI SAINS MALAYSIA (USM)**

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MOCVD GROWN SAMPLE REQUEST FORM

Requestor Name : _____

Contact No. : _____ Email : _____ Date : _____

School/Company : _____

Category : ☐ INOR Staff/Student ☐ Other Dept. : _____

Sample Type : ☐ Powder ☐ Thin Film No. of Sample : _____

Materials : _____

Substrate : _____

Please Tick Appropriate Box

METAL ORGANIC CHEMICAL VAPOUR DEPOSITION [MOCVD]

(run per hour/standard sample)

Structure

- ☐ Single layer
- ☐ Few layers [<5 layers]
- ☐ Full device [LED, Photodetector & etc.]

* Please attach the schematic of the planned structure with thickness.

Substrate

- ☐ C-Plane Flat Sapphire Substrate (FSS)
- ☐ C-Plane Patterned Sapphire Substrate (PSS)
- ☐ GaN

Expected results [e.g. Indium composition, n-doping, p-doping]:

Other information about the sample (e.g. sample stability/temperature) :

Requestor Signature:

Supervisor Approval:

(if Students, need to get the approval from Supervisor)

Remarks:

* Please refer to the analysis/equipment usage charges on INOR website.

** Any incomplete form will not be processed.

*** Quotation will be sent through requestor's email within 3 working days.