

Usage Request Form – IITK Users

SEE Material Characterization – Gel Permeation Chromatography (GPC)

Sustainable Energy Engineering, IIT Kanpur

Date: _____

Name (PF/Roll No): _____ Email/Phone No: _____	Supervisor's Name: _____ Department: _____
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Number of Samples		Total Charges (Rs.)	Parameters				
S. No.	Sample Name/ Code	Hazardous (Y/N)	Mobile Phase (composition)	Flow Rate (mL/min)	Injection Volume (µL)	Expected Molecular Weight Range (Mn / Mw)	Detector(s) Required: Refractive Index (RI), Viscometer, Light Scattering

Required Column:

PL 8 Aqua Gel OH 30 (pH: 2 -10 & MW 100 Da-60 kDa)

PL 5 Gel Mixed-C (pH: 1-14 & MW 200 Da–2 MDa)

Sample Preparation Checklist:

Samples should be prepared at ~1 mg/mL (Organic- THF / Water soluble, as per mobile phase)

Sample filtered through ≤ 0.22 µm filter.

Sample is fully soluble in the selected solvent.

Sample solvent & chemistry compatible with selected column/detector.

If hazardous, MSDS or safety info provided.

LAB	Date		Booking No		User's Signature
	USE	Done By	Log Page No		

Kindly transfer Rs. _____ (_____ in words) from Project No. _____, expiring on _____, to Account No. LDA/IITK/SEE/2025265.

Head/PI/Supervisor

Facility Coordinator