



**Analysis Form: Size Exclusion Chromatography (SEC)**

Sample receipt: \_\_\_\_\_ Measuring date: \_\_\_\_\_ Analysis date: \_\_\_\_\_

Fore- & surname: \_\_\_\_\_ Company/chair: \_\_\_\_\_

E-mail: \_\_\_\_\_ Phone: \_\_\_\_\_

System: aqueous; H<sub>2</sub>O (45 °C) \_\_\_\_\_ organic; DMAc (60 °C) \_\_\_\_\_

Remarks: \_\_\_\_\_

**Indications:**

- Please fill your samples (solid; min. 8 – 12 mg) in closed transparent vials (snap lid glass or similar).
- Please use a short and clear sample labelling in continuous order (exact declaration of your weighed samples is mandatory).
- Please pay attention to solubility and concentration of your samples for the suitable eluent:
  - aqueous: H<sub>2</sub>O + NaN<sub>3</sub> 0.01 M → sample 1 g/L
  - organic: DMAc + LiBr 0.01 M → sample 4 g/L

- Description of the polymer: \_\_\_\_\_

cationic: \_\_\_\_\_ anionic: \_\_\_\_\_ neutral: \_\_\_\_\_ modified: \_\_\_\_\_ synthesized: \_\_\_\_\_ commercial: \_\_\_\_\_ zwitterionic: \_\_\_\_\_

- Analysis method:
  - Sieve curve analysis MWCO (90 %): \_\_\_\_\_
  - Molecular weight distribution: conventional calibration \_\_\_\_\_ universal calibration \_\_\_\_\_

#	Labelling	Aqueous/ organic	Weight [mg]	Volume [mL]	Conc. [g/L]	Remarks
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