

Special sample preparation needed (e.g. extraction*, sampling or similar)*:

In solution stable up to: _____ °C

Sample storage room temperature fridge freezer dark
 other*: _____

Hazard and Safety information:

Untested substance Hazard statements: _____

Please contact us in advance to arrange the measurement of very toxic or explosive substances!
Don't forget to label your shipping carton and add the SDS.

Additional information regarding the samples:

Analysis Order

According to PSS-Method Number: *PSS-AM* _____ (skip to signature)

Please describe the **reason for the measurement / your problem** in detail (e.g. quality control, good/bad sample comparison, registration of a substance, etc.):

PSS experts will choose the most suitable method for your samples to the best of their knowledge. Please check all parameters that you would like to have specified:

- molar mass determination** (Standard: conventional calibration with common calibrant)
- special calibration material*: _____
- online light scattering detection* online determination of dn/dc* or use: _____ as dn/dc
- online viscometry*
- online triple detection* online determination of dn/dc* or use: _____ as dn/dc

- standard detection** (refractive index DRI, evt. IR for HT-GPC)
- additional UV detection* at _____ nm
- additional acquisition of UV spectra with DAD*
- additional ELS detection*
- additional FTIR coupling* (consultation required, please contact us)
- additional ESI-MS coupling* (consultation required, please contact us)
- LAC / HPLC or 2D-Chromatography* (consultation required, please contact us)

Particular **solvent / eluent** wanted (please specify added salts and for aqueous GPC the pH):

specific or reserved **column***: _____



- specific **column temperature**: _____ °C (standard: suitable for solvent)
- number of sample preparations***: _____ (standard: one)
- comparison to **reference material*** (e.g.. PSS sample number from the last 12 months, will count as additional sample): _____
- determination of **area percentage** (e.g.. < 500g/mol): _____ g/mol and _____ g/mol
- peak area calculation* (area and percentage of several peaks)
- comment: _____
- evaluation of polymer status according to **REACH*** regulations
- monomer and monomer mass: _____
- multi area analysis* (molar mass averages for several areas / peaks, please specify): _____
- _____
- return remaining sample* (standard: sample will be stored at PSS for 12 months; complete recovery requires special arrangements)

Reporting

Please email the report to the technical contact person

to (name, email address): _____

Please send a printed copy by mail.*

Report in german (standard: english)

ASCII data export*

overlay of selected samples (standard: all): _____

express order* (standard: 10 working days from arrival of samples and all documents; Express: 3 working days with prior notificaton, please also tick on the first page)

Additional comments:

Later requests can lead to additional costs.

I agree to additional arrangements via phone.

Additional agreements will be made in writing.

I confirm that the information I provided is complete and correct to the best of my knowledge.

Place, Date, Signature

* these items can lead to additional costs which might not have been included in your quote yet



Guidelines for preparing and sending samples to PSS

For a GPC/SEC measurement only few mg of sample are needed. Amounts between 0.1 g and 1 g are ideal. Please take the number of requested measurements and the solid content of the polymer into consideration with solutions, blends or mixtures, especially when extraction is ordered. Please don't send sample amounts > 500 g and contact us prior to your order, when less than 20 mg of sample are available.

Data interpretation is often easier and more robust, when suitable reference materials are provided (e.g. good / bad sample; pure additives or monomers or similar). Remaining sample amounts are stored at PSS for 12 months.

Please ship your securely packaged and properly labeled samples to:

PSS Polymer Standards Service GmbH
Samples – Analytical Services
In der Dalheimer Wiese 5
D-55120 Mainz
Germany

Customers based outside the European Union

Please provide a proforma invoice for the sample(s).

The proforma invoice should be issued on company invoicing stationary or, if that is not possible, on company headed paper, but it does not have to go through the company customer invoicing system.

The proforma invoice should state:

- That it is a proforma invoice with a reference number and dated when the samples were sent
- A description of each of the samples
- The quantity of each sample sent.
- A nominal value for each sample in local currency, converted into Euro. Ensure that the total value of the invoice does not exceed Euro 10,-
- The statement "Samples for testing purposes of no commercial value"
- the invoice should be addressed to PSS

Example:

"ABC Enterprises Inc.

To: PSS Polymer Standards Service GmbH

In der Dalheimer Wiese 5, D-55120 Mainz, Germany

Proforma Invoice 123456

1st January 2018

<i>Item</i>	<i>Description</i>	<i>Quantity</i>	<i>Value</i>
<i>1</i>	<i>Butyl acrylate copolymer</i>	<i>1g</i>	<i>EUR 1,00</i>
<i>2</i>	<i>Styrene acrylic acid copolymer</i>	<i>1g</i>	<i>EUR 1,00</i>

Samples of no commercial value for testing purposes."

In case of any doubts or for questions please contact PSS directly

info@pss-polymer.com

+49-6131 9623920