

General Questionnaire for Purification requests

If possible, please answer all questions on the list and send the document via e-mail to sales@knauer.net.

Contact information		
	Customer	Manufacturer
Company		KNAUER Wissenschaftliche Geräte GmbH
Customer number		
Contact person		
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Chromatographic equipment and experience

1. Which system type do you have?

- Analytical system
- Preparative system

2. How would you rate your experience in preparative chromatography?

- No experience
- Intermediate
- Expert

3. How would you rate your experience in SMB chromatography?

- No experience
- Intermediate
- Expert

Information about separation task

4. Can you provide any chromatographic data?

Analytical chromatogram *

Preparative chromatogram *

No data available

* Please attach the chromatogram to the finished document. Make sure that the target peak is clearly highlighted.

5. What are your method parameters?

Flow rate [ml/min]:

Pressure [bar]:

Gradient type:

Temperature [°C]:

Solvents:

Injection volume [ml]:

Concentration of all
components in the sample
[mg/ml]:

Column parameters:

Length [mm]:

ID [mm]:

Particle size [µm]:

Max. pressure of column [bar]:

Column material:

Column hardware:

6. Information about the sample

Target substance:

Structure:

Characteristics:

Solubility:

Stability & temperature sensibility:

Other:

Concentration in sample:

Sample matrix impurities:

Requirements of the separation

7. How much of the target substance should be purified in the process ([g/kg] per [hour/day/week])?

8. Expected throughput:

9. Desired purity and yield of the target substance:

10. Do you have any specification regarding certification or regulatory requirements?

Thank you!