Dear customer,

thank you for your interest in distillation trials at our technical laboratory. We would like to ask you to complete the following questionnaire as thorough as possible. This data will help us to evaluate your application and to supply you with the necessary information regarding your demands.

Thank you!

As a matter of course we will treat all your data strictly confidential.

If you have any further questions or you need support with the completion of the questionnaire, do not hesitate to contact us at info@uic-gmbh.de or by phone at +49(0)6023-950 0.

Return via **fax** to **+49(0)6023-950 250** or via **e-mail** to **info@uic-gmbh.de** !

1. Your contact information

Company: _____

Street, No. _____

Post code, location: _____

Country: _____

Your name: _____

Department: _____

Tel. _____ Fax: _____

E-Mail: _____

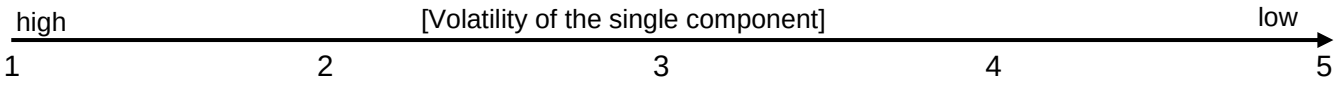
Date: _____

© Copyright 2018 · UIC GmbH · Am Neuen Berg 4 · 63755 Alzenau-Hörstein/Germany
Tel: +49 (0)6023/950-0 · Fax: +49(0)6023-950-250 · info@uic-gmbh.de · www.uic-gmbh.de

2. Specification of the feed material

2.1. Composition

	Description	Chemical formula	Wt.% in feed material	Vapor pressure [mbar] @ 20°C	Vapor pressure [mbar] @T[°C]
1					
2					
3					
4					
5					



© Copyright 2018 · UIC GmbH · Am Neuen Berg 4 · 63755 Alzenau-Hörstein/Germany
Tel: +49 (0)6023/950-0 · Fax: +49(0)6023-950-250 · info@uic-gmbh.de · www.uic-gmbh.de

2.2. Properties

Color: _____

Odor: _____

Density: _____[kg/m³]

Melting point: _____[°C]

Max. allowable temperature: _____[°C] for several minutes

Boiling point: _____[°C] at 1bar atmospheric pressure

Specific heat capacity: _____[kJ/kg*K]

Viscosity: _____[mPas] at T= 20°C

_____[mPas] at T=_____°C

Solids content: _____[g/l]

Max. particle size: _____[µm]

2.3. Additional information on the feed material (e.g. origin, pre-process, special features, etc.)

☐ toxic toxicity class:_____

☐ corrosive

☐ flammable flash point:_____

☐ oxidation sensitive (air-/moisture sensitive)

_____

_____

_____

_____

_____

_____

© Copyright 2018 · UIC GmbH · Am Neuen Berg 4 · 63755 Alzenau-Hörstein/Germany
Tel: +49 (0)6023/950-0 · Fax: +49(0)6023-950-250 · info@uic-gmbh.de · www.uic-gmbh.de

2.4. Objectives:

The desired product is the ☐ distillate / ☐ the residue.

What is the aim of the distillation?

Which procedure and technique has been used before?

3. Specification of the distillation

3.1 For your information **– Necessary amount of feed material (absolute) for the following plants:**

Plant	Possible trials	Amount of feed
KDL 1	Pre-test for orientation	min. 200g
KDL 5	Feasibility test, sampling of very small amounts	min. 1-2kg
KD6	Simple scale-up trials, sampling of small amounts	min. 50kg
KD10	Scale-up trials, sampling of small amounts	min. 100-200kg
DSL 5	Feasibility test, sampling of very small amounts	min. 3 kg
RF 10	Scale-up trials, sampling of small amounts	min. 100kg

© Copyright 2018 · UIC GmbH · Am Neuen Berg 4 · 63755 Alzenau-Hörstein/Germany
Tel: +49 (0)6023/950-0 · Fax: +49(0)6023-950-250 · info@uic-gmbh.de · www.uic-gmbh.de

3.2 Distillate:

Description:_____

(matches component/s ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 of the feed material, see item 2.1 Composition)

Amount: _____% (weight percentage)

Melting point:_____°C

Viscosity:_____mPas at 20°C

Remarks and comments on the distillate: (e.g. max. content of other components in the distillate)_____

_____

_____

_____

_____

3.3 Residue:

Description:_____

(matches component/s ☐ 1 ☐ 2 ☐ 3 ☐ 4 ☐ 5 of the feed material, see item 2.1 Composition)

Amount: _____% (weight percentage)

Melting point:_____°C

Viscosity:_____mPas at 20°C

Remarks and comments on the residue: (e.g. max. content of other components in the residue)_____

_____

_____

_____

_____

© Copyright 2018 · UIC GmbH · Am Neuen Berg 4 · 63755 Alzenau-Hörstein/Germany
Tel: +49 (0)6023/950-0 · Fax: +49(0)6023-950-250 · info@uic-gmbh.de · www.uic-gmbh.de

4. Pre-tests:

If any pre-tests have been conducted already, please inform us about the general test parameters.

Operating pressure:_____[mbar]

Operating temperature:_____[°C]

5. Additional information:

© Copyright 2018 · UIC GmbH · Am Neuen Berg 4 · 63755 Alzenau-Hörstein/Germany
Tel: +49 (0)6023/950-0 · Fax: +49(0)6023-950-250 · info@uic-gmbh.de · www.uic-gmbh.de