



Jonas-Cahn-Str. 9  
D-53115 Bonn

Telephone: +49 228 9833-0  
Fax: +49 228 9833-195

E-Mail: [marketing@frings.com](mailto:marketing@frings.com)  
Internet: <http://www.frings.com>

## Filtration questionnaire

### Reply

#### Address

Company

Contact person

Street

Zip code

City

Telephone

Fax

E-Mail

#### Material to be filtrated:

Feed: \_\_\_\_\_

Target product:      Retentate  
                                 Permeate  
                                 Both

Required Cut-Off:      0.5 µm      0.2 µm      0.1 µm

Other: \_\_\_\_\_ µm

Other: \_\_\_\_\_ Dalton (Ultra-filtration)

Should plant be offered with pre-filtration:      no      yes

Describe pre-treatment of feed: \_\_\_\_\_  
\_\_\_\_\_

Jonas-Cahn-Str. 9  
D-53115 BonnTelephone: +49 228 9833-0  
Fax: +49 228 9833-195E-Mail: marketing@frings.com  
Internet: http://www.frings.com**Volume flows:**

Permeate (Filtrate): \_\_\_\_\_ L/24h      \_\_\_\_\_ Liters in \_\_\_\_ days

Batch filtration

Continuous filtration

Operation mode [h]: 24h      10h      Other \_\_\_\_\_

Days in week (Mon – Fri): 1d    2d    3d    4d    5d

Other \_\_\_\_\_

Does plant have to be cleanable (CIP):      no      yes

Does plant have to be sterilizable (SIP): no      yes

Should permeate be returned into the process?  
no      yesShould concentrate be returned into the process?  
no      yes

Degree of automation of plant:      full automation      partial autom.      manual

Sterile standard of plant:      Fully sterile      Semi-sterile      Auto-sterile

**Physical data:**

pH value: \_\_\_\_\_

Operating temperature: \_\_\_\_\_ °C

Design temperature: \_\_\_\_\_ °C

Viscosity: \_\_\_\_\_ mm<sup>2</sup>/s

Dried matter (DM): \_\_\_\_\_ %

Bacterial dried matter (BDM): \_\_\_\_\_ g/L



Jonas-Cahn-Str. 9  
D-53115 Bonn

Telephone: +49 228 9833-0  
Fax: +49 228 9833-195

E-Mail: [marketing@frings.com](mailto:marketing@frings.com)  
Internet: <http://www.frings.com>

What other substance groups are present (as far as possible)?

---

---

Have any filtration trials with the medium already taken place?

no                      yes

If so, with what outcome/process (e.g. operation mode, quantity of permeate, cut-off, cleaning possibilities, employed module etc.)?

---

---

---

**Further comments:**

---

---

---

**Do you have any further questions?**  
**You can reach us at +49 – 228 – 9833-0 or [marketing@frings.com](mailto:marketing@frings.com).**  
**On the phone / in the e-mail subject line,**  
**please mention the cue „Filtration questionnaire“.**  
**Thank you!**