



## Individual Sieve analysis

Finding the right sieve shaker is easy: Simply send us a sample of your choice – we will conduct a sieve analysis and send you an individual sieving report and recommend an instrument suitable for your application.

Please complete the form completely and **email it in advance to [bill\\_lee@fritsch.cn](mailto:bill_lee@fritsch.cn) and send us the material together with the print out of the completed form.**

If you would like to send an additional sample (max. 2 samples) which differs in regards to consistency, desired sample quantity or final fineness, please complete a second form for this second sample.

**The fields marked with an asterisk\* are required fields and have to be completed!**

### Your information about the material

Name of the material\*:

Chemical formula:

**Hazard material\*:** ☐ yes<sup>1</sup> ☐ no  
(\*Please enclose safety data sheet!)

☐ explosive ☐ toxic ☐ caustic ☐ oxidising ☐ environmental hazard

☐ easily flammable ☐ harmful to health from:

May not be put in contact with

### Material properties

☐ hygroscopic humidity:  %

The material may be dried / heated up to:  °C

Soluble in:

Other:

### Task

Which quantity should be sieved per charge \*:  g

|                                |                                                                                            |                                                                                                                  |
|--------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| <b>Sample quantity</b>         |                                                                                            |                                                                                                                  |
| <b>Dry sieving</b>             | Vibratory Sieve Shaker ANALYSETTE 3                                                        | * depends on sample and utilized sieves<br>for sieves < 63 mm: up to 2 kg*,<br>for sieves < 100 µm: up to 100 g* |
| <b>Wet sieving</b>             | Heavy Duty Analytical Sieve Shaker ANALYSETTE 18<br>Vibratory Sieve Shaker ANALYSETTE 3    | up to 15 kg*<br>20 - 100 g*                                                                                      |
| <b>Micro precision sieving</b> | Heavy Duty Analytical Sieve Shaker ANALYSETTE 18<br>Vibratory Sieve Shaker ANALYSETTE 3PRO | up to 1 kg*<br>0.05 - 0.5 g* with max. 4 micro precision sieves                                                  |

What type of sieving do you request?

☐ Dry sieving ☐ Wet sieving ☐ Micro precision sieving

Which sieving aids may be used with dry sieving?

☐ none ☐ agate balls 5 / 10 mm ☐ rubber balls 20 mm

☐ Vulcollan cubes ☐ dispersing agent

May wetting agents with wet sieving in water be used?

☐ Yes, we recommend:  ☐ no

What kind of liquid do you recommend for micro-precision sieving?

☐ water ☐ other:

### Which sieve shaker should be utilized?

- ☐ Please select the suitable instrument for our task!
- ☐ Vibratory-Sieve Shaker ANALYSETTE 3 PRO
- ☐ Vibratory-Sieve Shaker ANALYSETTE 3 SPARTAN
- ☐ Heavy Duty Analytical Sieve Shaker ANALYSETTE 18



Sieves with the following mesh widths should be used for the sieve analysis?\*

|                             |                             |                               |
|-----------------------------|-----------------------------|-------------------------------|
| <input type="checkbox"/> mm | <input type="checkbox"/> µm | <input type="checkbox"/> mesh |
| a) <input type="text"/>     | b) <input type="text"/>     | c) <input type="text"/>       |
| d) <input type="text"/>     | e) <input type="text"/>     | f) <input type="text"/>       |
| g) <input type="text"/>     | h) <input type="text"/>     | i) <input type="text"/>       |

How did you conduct the particle size analysis in the past?

Which results did you obtain?

|                                                  |                             |                                                  |                             |
|--------------------------------------------------|-----------------------------|--------------------------------------------------|-----------------------------|
| <input type="checkbox"/> mm                      | <input type="checkbox"/> µm | <input type="checkbox"/> mesh                    |                             |
| Aperture                                         | Cumulative weight undersize | Aperture                                         | Cumulative weight undersize |
| a) <input type="text"/> = <input type="text"/> % |                             | b) <input type="text"/> = <input type="text"/> % |                             |
| c) <input type="text"/> = <input type="text"/> % |                             | d) <input type="text"/> = <input type="text"/> % |                             |
| e) <input type="text"/> = <input type="text"/> % |                             | f) <input type="text"/> = <input type="text"/> % |                             |
| g) <input type="text"/> = <input type="text"/> % |                             | h) <input type="text"/> = <input type="text"/> % |                             |
| i) <input type="text"/> = <input type="text"/> % |                             | j) <input type="text"/> = <input type="text"/> % |                             |

Remarks

Would you like to receive an offer? ☐ yes ☐ no

Should not needed material be returned? ☐ yes ☐ no

### Your personal information

|              |                                                      |             |                      |
|--------------|------------------------------------------------------|-------------|----------------------|
| Salutation*: | <input type="text"/>                                 | Title:      | <input type="text"/> |
| Last Name*:  | <input type="text"/>                                 | First name: | <input type="text"/> |
| Company*:    | <input type="text"/> Please supply end customer info | Department: | <input type="text"/> |
| Street*:     | <input type="text"/>                                 | House No.:  | <input type="text"/> |
| Postcode*:   | <input type="text"/>                                 | City*:      | <input type="text"/> |
| Country*:    | <input type="text"/>                                 | Email*:     | <input type="text"/> |
| Phone*:      | <input type="text"/>                                 |             |                      |

Attention: Customers (owner of sample, individual mailing the sample) are liable for possible damages caused by the sample itself or in conjunction with possible contact materials (toxic, explosive, caustic materials etc.) unless expressed notification of this risk was provided in writing (safety data sheet), as well as the risk of accidental loss of the sample.

☐ Yes, I read the [Privacy Policy](#) and consent to that data supplied by me, is electronically processed and saved. My data is used exclusively for this purpose.\*

☐ I consent to, that my aforementioned data is saved and used for the mailing of further information about your products, services and events. There will be no disclosure to third parties. I can revoke this consent at any time via e-mail to [info@fritsch.de](mailto:info@fritsch.de), per letter or via clicking the unsubscribe link contained in the e-mails.



**Please send the completed form in advance to [bill\\_lee@fritsch.cn](mailto:bill_lee@fritsch.cn) and send the sample material together with the print out to:**

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