



Sieve analysis - free of charge and non binding

Finding the right sieve shaker is easy: Simply send us a sample of your choice – we will conduct a free of charge 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 lab@fritsch.de 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 amount or deviating from the final fineness, please complete a second form for this second sample.

Your information about the material

Name of the material*:

Chemical formula:

Hazard material*: yes¹ 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 °C dried / heated up to:

Soluble in:

Other:

Task

Which quantity should be sieved in one charge *: g

Sample amount		* depends on sample and utilized sieves
Dry sieving	Vibratory Sieve Shaker ANALYSETTE 3 Heavy Duty Analytical Sieve Shaker ANALYSETTE 18	for sieves < 63 mm: up to 2 kg*, for sieves < 100 µm: up to 100 g* up to 15 kg*
Wet sieving	Vibratory Sieve Shaker ANALYSETTE 3 Heavy Duty Analytical Sieve Shaker ANALYSETTE 18	20 - 100 g* up to 1 kg*
Micro precision sieving	Vibratory Sieve Shaker ANALYSETTE 3 PRO	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?*

mm µm mesh
 a) b) c)
 d) e) f)
 g) h) i)

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
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*: Title:
 Name*: First name:
 Company*: Please supply end customer info Department:
 Street*:
 Postcode*: City*:
 Country*: E-Mail*:
 Phone*: Fax:

Please send the completed form in advance to lab@fritsch.de and send the sample material together with the print out the completed form to:

FRITSCH GmbH • Milling and Sizing
 Application Laboratory
 Industriestrasse 8
 55743 Idar-Oberstein • Germany

Telephone +49 67 84 70 0
 Fax +49 67 84 70 11
info@fritsch.de
www.fritsch.de

Customers (owner of sample, individual mailing the sample) are liable for eventual possible damages caused by the sample itself or in conjunction with possible contact materials (poisonous, explosive, corrosive 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.

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