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 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 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*:

([1]Please enclose safety data sheet!)

☐ yes[1] ☐ no

☐ explosive ☐ toxic ☐ caustic ☐ oxidising ☐ environmental hazard

☐ easily flammable ☐ harmful to health from:

May not be put in contact with

Material properties

☐ hygroscopic humiditiy: %

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

Soluble in:

Other:

Task

Which quantity should be sieved per charge *: g
* depends on sample and utilized sieves

Dry sieving	Vibratory Sieve Shaker ANALYSETTE 3	for sieves < 63 mm: up to 2 kg*,
	Heavy Duty Analytical Sieve Shaker ANALYSETTE 18	for sieves < 100 µm: up to 100 g* up to 15 kg*
Wet sieving	Vibratory Sieve Shaker ANALYSETTE 3	20 - 100 g*
	Heavy Duty Analytical Sieve Shaker ANALYSETTE 18	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?

☐ mm ☐ µm ☐ mesh

	Aperture		Cumulative weight undersize			Aperture		Cumulative weight undersize	
a)		=		%	b)		=		%
c)		=		%	d)		=		%
e)		=		%	f)		=		%
g)		=		%	h)		=		%
i)		=		%	j)		=		%

Remarks

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

Should not needed material be returned? ☐ yes ☐ no

Your personal information

Salutation*:		Title:	
Last Name*:		First name:	
Company*:	Please supply end customer info	Department:	
Street*:		House No.:	
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:

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