

SAMPLE ANALYSIS REQUEST FORM

**Please complete this Sample Analysis Request Form (one request per sample) and send it to CILAS with the Samples and the Safety Datasheet
Please complete page 2 and 3 for another sample**

Name / Contact	
Company	
Address	
City	
Country	
E-mail	
Tel. Number	
Fax Number	

Where do you want to receive the results?

E-mail	
Ship to address (reports)	

Date of sending the samples:

SEND SAMPLES TO:

Suzanne DESPORT
Tel: +33-(0)2 38 64 59 24
E-mail: desport@cilas.com
Application Laboratory
CILAS
8, avenue Buffon – Z.I. La Source – B.P. 6319
45063 ORLEANS Cedex – France

PARTICLE CHARACTERIZATION REQUEST

Type of industry:

Type of product:

How was the material made (ex. Grinding...)?

What is the step of production of powder (raw material, etc)?

What do you want to determine?

Size Shape

What do you want to measure?

Elementary Particles Agglomerates In-State Powders

What is the approximative type of particle size distribution?

Monodisperse Polydisperse

Expected Size: D50: μm

Which analysis method do you want?

Fraunhofer Mie Both

If Mie, please note the refractive index of particle material:

Number of samples for this product:

Type of analysis:

- Dry mode
- Wet mode
- Wet and Dry mode
- Shape

Type of analyzer:

- 930 (0.2-500 μm)
- 1064 (0.04-500 μm)
- 1180 (0.04-2500 μm)
- Shape

Is the sample corrosive or toxic?

Yes No

Usual characterisation Method currently in use in your company:

Sieve Sedimeter Microscopy Laser Diffraction (please fill part A page 3)

Other:

Please join us a typical result.

CHEMICAL PROPERTIES

Is your sample soluble?

Yes No

If Yes, enumerate the most commons solvents:

- Water
- Ethanol
- Other:

Is the sample sensitive to pH?

Yes No

Do you generally disperse your particles?

Yes No

If Yes, precise what you generally use:

- Dispersing Agent (indicate it.....)
- Ultra Sounds (time:s; Power:W, External/ Internal Probe)

Conditions of Sample Analysis

At reception of the samples, the results will be delivered within two weeks maximum. If it's urgent, please contact CILAS directly.

- **All samples must be sent with a Safety Datasheet, where are mentioned chemical composition and safety recommandations.**

Without this document, we won't be able to perform the analysis.

STANDARD OPERATING PROCEDURE

What is your carrier liquid? (non solvent liquid of the sample)

- Water
 Ethanol
 Other:

What kind of Water do you generally use?

- Demineralised
 Desionised
 Regular water

Which dispersing agent do you use?

- HMP
 Decon
 Igepal
 Other:

Do you use Ultra Sounds?

- Yes
 No
 Before analysis:s
 Time during analysis:s

Do you use an External Probe?

- Yes
 No
 Power: W
 Time: S

REQUESTED QUANTITY & SAFETY DATA SHEET

Dry feeder:	100 grams/ sample minimum
Liquid feeder:	30 grams/ sample minimum

We remind you that all samples must be sent with a Material Safety Data Sheet, where are mentioned chemical compositions and caution uses. Without this document, we won't be able to perform the analysis.