

## Does your material classify as a nanomaterial?

Classification of a material as a nanomaterial requires that at least 50 % of the particles have one or more external dimensions ('size') between 1 nm and 100 nm. The experimental determinations of the particle size and the particle number fraction, are essential parts of the assessment of a material against the criteria in the EC NM definition.

EU jurisdiction explicitly addresses nanomaterials and contains regulatory definitions of the term 'nanomaterial', for example in the *Biocidal Products Regulation (EU) No 528/2012*; the *Medical Devices Regulation (EU) 2017/745*; the annexes of the *Chemicals Regulation REACH (EC) No 1907/2006*, which all were amended in 2018 to address nanomaterials.

SAXOCON provides you with everything you need to document compliance with regulatory requirements including:

- Identification of nanomaterials through measurements
- Assessment of particulate materials
- A selection of appropriate laboratory facilities and equipment for detailed characterisation according to the EC's recommendation on the definition of nanomaterials
- Documentation and presentation of results
- A toxicological risk assessment of results

### Why choose us?

SAXOCON analytical services for nanomaterials give you access to:

- Extensive expertise in measurement and characterisation of nanomaterials
- A multidisciplinary team of highly skilled scientists and experts
- High-level experience in state-of-the-art toxicological evaluations according to international standards

### Delivery

SAXOCON compiles all necessary results and toxicological documentation to help you ensure compliance with all relevant regulations.