



Efficacy testing on biocides

The COVID-19 crisis has increased demand across world for disinfectants, hand cleaners, and other biocidal products. Before entering the EU market, a biocidal product needs to complete a process.



ChemService offers consulting and testing services to support launching biocides on the market:

- **strategy definition based on used asset (and supplier), on supply chain formula and on basis of the tests already available**
- **product efficacy test for bactericidal and fungicidal activity (EN13727, EN1276, EN 1650) in accordance with GLP**
- **efficacy test of the product for virucidal activity (EN14476 and EN 16177) in accordance with GLP**
- **chemical-physical assays according to OECD / CI-PAC methods**
- **accelerated and long-term stability test of the product in accordance with GLP**
- **product classification through in-vitro toxicity and aquatic eco-toxicity studies in accordance with GLP**
- **human risk and environmental risk assessment after product use**
- **preparation of application documentation and management of Ministry's requirement**

The **Biocidal Products Directive (EU) No 528/2012** defines biocidal products as follows:

- *any substance or mixture, in the form in which it is supplied to the user, consisting of, containing or generating one or more active substances, with the intention of destroying, deterring, rendering harmless, preventing the action of, or otherwise exerting a controlling effect on, any harmful organism by any means other than mere physical or mechanical action;*
- *any substance or mixture, generated from substances or mixtures which do not themselves fall under the first indent, to be used with the intention of destroying, deterring, rendering harmless, preventing the action of, or otherwise exerting a controlling effect on, any harmful organism by any means other than mere physical or mechanical action.*

Please don't hesitate to contact us for further information about the services you need. Our technical division will help you find the right solution for your analytical enquiries.

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