

Ciba[®] Expert Services

*Providing Solutions and Consultancy
to the Pharmaceutical Industry*



- Testing Services
- Regulatory Services
- EH&S Services



Ciba® Expert Services provide solutions that help you succeed!

Ciba® Expert Services are knowledge-based services that provide EH&S, analytical and regulatory consultancy to the Pharmaceutical Industry. Our combination of highly skilled scientists and state-of-the-art capabilities will provide reliable, high quality solutions from dust explosion testing to leachables and extractables studies. Let Expert Services be your partner of choice.

Testing Services

Release testing of raw materials and final products

- Assay
- Impurities, including trace contaminants
- Residual solvents
- Microbiology

Method development and validation

- Development of new methods
- Optimization of methods
- Validation according to ICH guidelines
- Transfer of methods and training of personnel

R&D support

- Structure elucidation including assignment or prediction of complex molecules
- Identification and quantitation of transformation or degradation products
- Failure analysis

Stability testing

- Storage according to ICH guidelines
- Analytical testing
- Identification of transformation or breakdown products
- On-line kinetic measurements

Qualification of reference materials

- Purity of material
- Impurities
- Qualification of mixtures

Extractables and leachables studies for medical devices

- Leachability or migration studies
- Identification and quantitation of extractables and leachables
- Determination of the role of additives in polymer formulations
- Recommendations for alternative stabilizers to achieve lower leachability
- Formulation of polymer test samples to evaluate potential leachables

Regulatory Services

Regulatory support

- Global chemical notification of intermediates
- Chemical inventories, listing and product registers
- Control regimes (CWC, drug precursors, dual uses, import/export, etc.)
- Global legislation development

EH&S Services

Integrated pollution prevention and control (IPPC)

- Auditing/permitting support & concepts for technical solutions and BAT

Technical solutions for waste treatment

- Tailor made solutions from situation analysis to planning
- Implementation and start up

Optimization and advisory services for WWTP

- Optimization, trouble shooting, inspection

Eco-efficiency and sustainability, environmental compliance and EHS services

- Life cycle analysis, environmental labeling, material and energy flow analysis
- Environmental management systems (ISO, OSHAS, EMAS)
- Auditing, reporting, legal compliance and hazards management auditing
- Environmental due diligence
- Impact assessments

Environmental testing

- Off gas sampling and analysis
- Waste water testing
- Occupational hygiene measurements

Powder safety testing and consulting

- Minimum ignition energy (MIE), dust explosivity (LEL, pMax, Kst, LOC)
- Minimum auto-ignition temperature of dust clouds (MAIT), burning tests

Process safety and thermal stability testing and consulting

- Minimum kinetic and thermodynamic reaction data
- Thermal stability indices and maximum rate data
- Flammability limits of gases and vapors, reaction venting
- Process hazard assessment

Training

- Customer-tailored programs
- Technical seminars

For more information

- Call us in Europe at +41 61 63 68310
- in NAFTA at 1-800 431 1900, x2076, or 1-800-CIBA-NOW, x2397
- Visit our website www.cibasc.com/expertservices
- Or speak to your local Ciba representative

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Our Knowledge – Your Advantage

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