



# ANALYTICAL CHEMISTRY

SGS' Life Science Services provides the professional expertise and qualifications to take charge of your analytical controls for raw materials, API's, finished products, packaging material and medical devices.

Well-equipped state-of-the-art laboratories offer comprehensive testing services according to the pharmacopoeia (e.g. EP, USP, BP, JP) and to customer specifications.

## CHEMICAL AND PHYSICO-CHEMICAL TESTING

- ▶ Assays and chemical tests (e.g. HPLC, GC, UV/Vis, IR)
- ▶ Identification of active ingredients and impurities
- ▶ Physical and physico-chemical determinations (e.g. pH, viscosity, melting point, osmolality and osmolarity, flash point, loss on drying)
- ▶ Limit tests (e.g. heavy metals, ash, anions)
- ▶ Residual solvents (volatile organic compounds, [VOC], organic volatile impurities, [OVI])
- ▶ Pharmaceutical technical procedures (e.g. disintegration, dissolution, hardness, friability)
- ▶ Sampling and analyses of water for pharmaceutical purpose and controlled process environments (e.g. TOC, conductivity)

SGS is the world's leading inspection, verification, testing and certification company. SGS is recognized as the global benchmark for quality and integrity. With 42'000 employees, SGS operates a network of about 1'000 offices and laboratories around the world.

SGS' Life Science Services is a leading international contract research organization providing comprehensive high quality testing capabilities in analytical chemistry, microbiology, toxicology, method development and validation, stability testing and container testing, as well clinical research services and agrochemical registration studies.

SGS is serving a variety of Life Science companies including pharmaceutical, biopharmaceutical, generics, medical device and cosmetics companies. Customers include big multinational companies as well as midsize or small local enterprises. 18 of the Top20 Pharmaceutical companies are active SGS clients.

SGS' quality control laboratories operate according to the highest quality standards (cGMP, GLP, ISO 17025, and ISO 9000) and have been inspected by the FDA and/or local regulatory authorities. By providing best in class services SGS helps clients to reduce costs, improve quality and meet customer and market demands.

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WHEN YOU NEED TO BE SURE

SGS