



## School supplies and stationery

### Product safety & compliance

**Eurofins' worldwide network of laboratories offers a comprehensive range of quality assurance and quality control solutions for school supplies and stationery products to ensure safety, functionality, performance and compliance with relevant standards and regulations, through testing, inspection and regulatory services.**

### Stringent regulations and demanding consumers

In recent years, a wide range of stationery standards have been developed to meet the growing demand for innovation. Safety requirements for stationery products have therefore been strengthened worldwide. Non-compliant products pose a serious threat to human and environmental health and to your business reputation if they are recalled by the Authorities.

We aim to be a one-stop solution provider for all your Quality Assurance and Control needs at every stage of your supply chain.

Our broad international service offering covers a wide range of products including:

- Writing Instruments: Pens, Pencils, Highlighters, Markers, etc.

- Drawing Instruments: Crayons, Paints, Pencil Sharpeners, Rulers, Erasers, etc.
- Paper Products: Papers/Cards, Books, Notebooks, Calendars, etc.
- Desktop Accessories: Scissors, Staplers, Hole Punchers, Paper Cutters, Adhesives, Tapes, etc.
- Postage and Packaging: Envelopes, Plastics, etc.

### Service scope

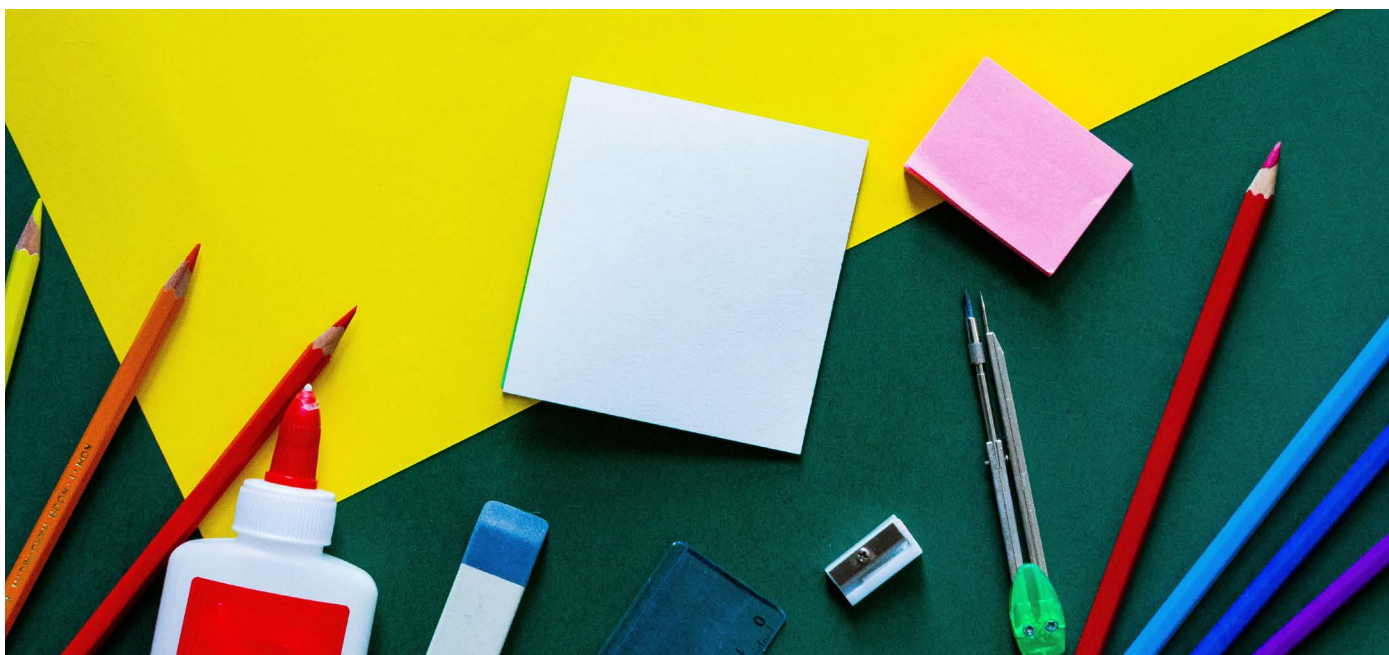
Eurofins' network of laboratories provides expertise in many different fields, making the Eurofins Group uniquely placed to help manufacturers, importers and brand owners to develop market-compliant products through bespoke quality assurance and control programs. Our comprehensive portfolio includes the following:

## Expert services, regulatory and compliance

- Product protocols generation
- Assistance on documentary review and set up of technical dossiers (TCF)
- Testing programs and protocols ad-hoc
- Artwork check, labels and marking review
- Toxicological Risk Assessment
- Safety Data Sheets
- Compliance checks against international regulations and industry standards, depending on the product and the destination markets, such as Regulation (EC) 1907/2006 (REACH), Regulation (EC) 1272/2008 (CLP) and other hazardous chemicals regulations, EU General Product Safety Directive (GPSD), Consumer Product Safety Improvement Act (CPSIA), Labelling of Hazardous Art Materials Act (LHAMA), California Proposition 65, Toy safety regulations (when the product is classified as a toy), etc.

## Laboratory testing

- Chemical tests:
  - REACH-SVHC and Annex XVII Testing
  - CPSIA regulation (Lead content in coating and substrate, phthalate testing, etc.)
  - Heavy metals in packaging
  - Allergenic fragrances and preservatives
  - Formamide
  - Asbestos content
  - VOC Emission testing, etc.
- Microbiological contamination and preservative effectiveness
- Safety tests:
  - Safety of caps for writing and marking instruments (to reduce the risk of asphyxiation)
  - Food-imitating products safety tests
  - Sharp edges and points, small parts, etc.



- Writing and physical characteristics:
  - Pens / ball pens: number of colors, weight, length, diameter, ink amount, line width, fall resistance, stroke / line width after fall, ink aggressiveness
  - Notebooks: number, grammage, thickness, visual examination, tearability of block pages, weight
- Performance tests:
  - Pens / ball pens: Resistance to crushing body/cap (crush resistance pen body, breaking strength), Washability of the ink, Temperature & Humidity Aging, Length of writing measurement (flexibility of pen, drying time, material nature)
  - Notebooks: pen writing sizing grade (recto-verso drip, perforation recto-verso), smoothness, opacity of the paper
- Sensory evaluation and consumer tests

## On-site inspections and audits

Assessing manufacturing sites before initiating mass production and checking product quality prior to shipment are key parts of the quality control process, and vital to ensure that production is carried out according to the quality standards and expectations of destination markets.

We offer a full suite of factory audit services, covering social, environmental, technical and security compliance.

## Quality assurance and control throughout the supply chain

Whatever your role in the supply chain, you need to safeguard the reputation of your brand and/or that of your client.

From suppliers' assessment and R&D support, regulatory guidance or supply chain mapping, all the way through to compliance, bespoke testing and QC inspections and down to failure analysis and market surveillance, we cover every stage of your product's quality journey.

