

# Testing of consumer goods

## Chemical safety of consumer goods, non-food consumer goods and commodities

**As a manufacturer, distributor, or importer of consumer goods, you are responsible for their safety and marketability. By testing product safety and product quality, you ensure market access and promote consumer protection and confidence in your products. DEKRA supports you in testing the parameters relevant to you in order to avoid risks from critical ingredients.**

Quality assurance and safe products begin with knowledge of the most important testing and legal regulations in the EU and Germany. DEKRA is your expert for the necessary tests for:

- ▶ REACH Annex 17 and SVHC substances (Regulation EC 1907/2006)
- ▶ RoHS Directive (EU Directive 2011/65/EU RoHS Directive)
- ▶ EU POP Regulation (Regulation (EU) 2019/1021)
- ▶ German Commodities Regulation (BedGgstV)
- ▶ LFGB (German Food and Feed Code)

We would be happy to create an efficient testing plan tailored to your products and your specific requirements. Additionally we can assist you with our analytical expertise so that you can meet product safety requirements in the global market.

Some chemical substances in consumer goods can pose risks to health and the environment – DEKRA is your point of contact for chemical analysis if you suspect the presence of the following substance groups:

- ▶ Heavy metals
- ▶ Plasticizers (phthalates)
- ▶ PFAS
- ▶ Bisphenols (e.g. bisphenol A)
- ▶ PAHs (polycyclic aromatic hydrocarbons)
- ▶ Formaldehyde and volatile organic compounds (VOCs)
- ▶ Flame retardants
- ▶ Azo dyes and disperse dyes
- ▶ SCCP/MCCP
- ▶ Nickel solubility according to EN 1811

DEKRA's laboratory analysis services cover the following product groups among others:

- ▶ Food contact materials and household goods
- ▶ Films and bags (chemical safety and mechanical properties)
- ▶ Toys and baby products (chemical, electrical, and mechanical safety)
- ▶ Electrical appliances and DIY products
- ▶ Decorative and promotional items made of plastic or paper
- ▶ Candles (with tests for RAL certification)
- ▶ Automotive cleaning and care products (e.g. windshield cleaners with DEKRA seal)
- ▶ Textiles that come into contact with the skin, jewelry, and accessories

Finally, you will receive a detailed test report confirming compliance with pollutant requirements.

### Additional services you can benefit from

As a central and international DEKRA laboratory service provider, our experts offer an interdisciplinary range of tests covering chemical safety and material quality.

These include environmental and hazardous material analyses, pollutant and emission tests of consumer goods and technical products, tests of operating materials and components, material analyses of plastics and metals, material tests, environmental simulation tests and damage analyses.

Our DIN EN ISO/IEC 17025 accredited laboratories of DEKRA Automobil GmbH in Germany are located in Bretten, Halle, Saarbrücken and Stuttgart.

In addition, we offer a variety of further testing and certification options in our worldwide DEKRA laboratory network.

