

# Chemical analysis of Consumer Goods



On the safe side.



## So that the chemistry is right: product testing by and with laboratory experts.

As a manufacturer, retailer or importer of consumer goods you are responsible for their safety and marketability. This not only requires in-depth knowledge of the applicable laws, regulations and standards, particularly if you operate internationally. It also requires a high degree of chemical analysis testing expertise. DEKRA offers you both: for an extensive product range from food contact materials to clothing and toys to electrical appliances.

### What chemical analysis of consumer goods means

To guarantee the consumer is protected in times of global goods movement, the legislator has high requirements of products' chemical safety. These include regulations such as REACH, RoHS or the German Commodity Ordinance.

The DEKRA Laboratory for Environmental and Product Analysis is the central accredited service provider for chemical analysis product testing. Our experts support you as part of your quality assurance, with product development as well as with initial sampling and incoming goods inspections. Depending on needs, we supplement your internal measuring and analysis work with our inspection and testing services or take it over completely, at international level too.

As a neutral independent laboratory service provider, we are also there for you in an advisory capacity, for example when creating a testing schedule or for customised training courses.

### What DEKRA offers

Our experts at the laboratory sites in Stuttgart, Halle and Saarbrücken are available to help with any questions about chemical analysis and material testing. Your advantages:

- > Expert advice and support
- > Accredited laboratory analysis and accredited testing methods
- > Comprehensive range of services
- > Fast, reliable results
- > Meaningful test reports and expertise
- > Professional testing or sampling on site, as required without any unnecessary disturbance to your business processes
- > Confidence when dealing with authorities by working together with our internationally famous, renowned DEKRA Measuring and Testing Centres

We support you right from the start: practically, simply and permanently. And always with a view to your goals.



## Summary of our services

The DEKRA Laboratory for Environmental and Product Analysis is your central contact for any chemical analysis matters. Together with the DEKRA Laboratory for Material Testing and Damage Analysis we offer you comprehensive services from one source. For initial sampling and regular series analysis as well as in cases of damage – safe, fast and reliable.

Food contact materials	Toys	Electrical appliances	Decoration and advertising articles
<ul style="list-style-type: none"><li>&gt; Regulation (EC) No. 10/2011 and 1935/2004</li><li>&gt; Sensory testing</li><li>&gt; Migration testing</li><li>&gt; BfR recommendations for food contact materials</li><li>&gt; Colour fastness</li><li>&gt; Country-specific regulations (France, USA, Italy)</li><li>&gt; FDA requirements</li></ul>	<ul style="list-style-type: none"><li>&gt; Directive 2009/48/EC</li><li>&gt; Migration of certain elements (EN 71-3)</li><li>&gt; Organic chemical Inspections (EN 71-9)</li><li>&gt; Polycyclic aromatic hydrocarbons (PAH)</li><li>&gt; Phthalates</li><li>&gt; Heavy metals</li><li>&gt; Resistance to saliva and sweat</li><li>&gt; CPSC certification for the USA</li></ul>	<ul style="list-style-type: none"><li>&gt; RoHS Directive 2011/65/EC incl. 4P</li><li>&gt; REACH SVHC &amp; Annex 17 (Regulation (EC) No. 1907/2006)</li><li>&gt; PAH (GS mark)</li><li>&gt; Flame retardants</li><li>&gt; Phthalates</li><li>&gt; Halogens</li></ul>	<ul style="list-style-type: none"><li>&gt; Candles</li><li>&gt; Jewellery/accessories</li><li>&gt; Textiles</li><li>&gt; Heavy metals</li><li>&gt; Migration tests</li><li>&gt; Nickel release</li><li>&gt; Product labelling</li><li>&gt; Azo dyes</li><li>&gt; Pollutant emissions</li></ul>

## Our experience

Everyone is talking about safety. We are doing something about it. Regardless of whether it's for information or advice, for measuring, testing or certification: we are not far away from you. Or do you know any other safety service provider who is there for you all over Germany with such a comprehensive, standardised range of services and consistent quality?

Get an idea of our analysis services for production processes yourself or talk to us personally straight away.

We look forward to talking to you.

## Other services you benefit from

DEKRA also offers you professional testing and consultancy services in many related areas, including

- > Material testing and damage analysis
- > Mechanical and electrical safety
- > Electromagnetic compatibility (EMC)
- > International product certifications
- > Testing and inspection services in Europe and Asia
- > Dealing with REACH & CLP
- > Hazardous substances management
- > Environmental analysis

And much more.

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