



# Chem-ST™ Chemical Smart Testing

Test differently, test smarter.  
Because good chemistry ensures good product out.



# Chem-ST™ Chemical Smart Testing

Chem-ST is a revolutionary chemical assessment programme which uses specially developed smart composite and smart testing principles that deliver strategic, risk-reducing, cost-effective, chemical risk management early in the product value chain.



## Introducing Chem-ST™

Eurofins Chem-ST chemical smart testing is a novel, validated system using state-of-the-art instrumentation and targeted tests to quantitatively measure the presence of hundreds of substances within chemical formulations, materials and products against global hazardous chemical restrictions.

Unlike traditional RSL chemical testing, which is based on target analytes, Chem-ST looks for both target analytes and other non-regulated chemicals of concern in one system. This approach manages chemical risk while future-proofing your product against other chemicals of concern that may not have been identified by traditional methods.

This is ideal for customers that seek to cleanse their supply chain of all potentially harmful chemicals providing benefits beyond compliance and reducing the risk of supply chain employees being exposed to these chemicals.

## Chem-ST™ delivers reduced cost and increased chemical visibility

The benefits of Eurofins Chem-ST are significant.

Chem-ST offers a faster, more cost-effective alternative to traditional testing programmes. Delivering savings in the overall costs of testing, product submission and shipping.

The unique smart testing system allows for multiple composites to be tested, significantly reducing the number of analyses required.

Covering all key global chemical restrictions using ISO testing equivalents, regular data analytics are provided using data management software. This ensures quick access to information showing results to industry or customised Restricted Substance List (RSL) specifications.



# Good chemistry in ensures good products out

Chem-ST allows for earlier testing upstream in the supply chain, in the raw materials and the chemicals. This can help reduce product failures, improve both air and water emissions, saving time, money and potential reputational damage.

In addition, it provides a proactive service to identify future chemicals of concern, allowing customers to futureproof products against likely or emerging risks.

## Extended coverage from Chem-ST™

The results from this novel system can be used to give assurance to major global chemical regulations including

- AFIRM RSL
- CA PROP 65
- EU REACH Regulation, RoHS Directive & POPs Regulation
- Chemicals of High Concern to Children (CHCC)
- Global Organic Textile Standard (GOTS)
- The National GB Standard of China
- US CPSIA
- ZDHC MRSL

## Benefits of the Chem-ST™ system

- Faster and more cost-effective testing
- Proactive service for future chemicals of concern
- Avoid costly delays by testing further upstream in the supply chain
- Substrate-independent, multiple composites testing
- Reduction in size of submitted test samples needed
- Covers all key global chemical restrictions using ISO testing equivalents
- Smart dashboards used to deliver the results
- Use on chemical formulations, raw materials, finished or final articles

## Benefits of the Chem-ST™ system over standard RSL

Description	Chem-ST	Traditional RSL testing
Can be used to test chemical formulations	✓	X
Can test multiple analytes in one test	✓	X
Can reduce the number of tests conducted	✓	X
Deliver substrate-independent results in one test	✓	X
Covers multiple chemical legislation in one test	✓	X
Identifies other problem chemicals in one test	✓	X





## Is Eurofins Chem-ST™ right for me?

Eurofins Sustainability Services Chem-ST is a smart testing solution applicable to all customers, and is scalable all the way up to extensive, complex requirements. Toys to cosmetics, furniture to footwear, Chem-ST works for all consumer products. Eurofins Chem-ST service can help you manage all chemical risks in your supply chain, from chemical formulation through to finished product. Our highly experienced Eurofins sustainable chemistry team will work with you to determine the right testing programme to suit your needs and budget.



## Want to know more?

If you are interested in joining the growing community of Chem-ST users [contact us](#) today to discuss your needs. Eurofins Sustainability Services will partner with you to design your unique, cost effective, smart testing programme to manage all the hazardous chemicals in your supply chain.



## Why choose Eurofins Sustainability Services?

- Responsive support and advice from our subject matter experts
- Services-leading global chemistry team
- Quick and cost-effective turnaround times
- Responsive real-time technical support
- Complementary upstream and downstream chemistry services to cleanse your supply chain

Contact us today at  
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