

Intertek Wilton

# REACH Testing

Regulatory Support for Global Chemicals Management





# REACH Testing & Regulatory Support for Global Chemicals Management

Generation, interpretation and evaluation of high-quality analytical data supporting compliance with REACH Regulation EC 1907/2006

Compliance with the REACH Regulation (Registration, Evaluation and Authorization of Chemical Substances – EC1907/2006) is mandatory for continued sales of chemicals and products in the European Union.

Intertek fully supports compliance obligations for placing substances and articles on the EU market, ahead of submission deadlines for registration depending on tonnage and toxicity.

The generation, interpretation and evaluation of high-quality data is a key component of REACH substance registration and other regulatory chemical compliance programs (such as CLP regulations) in Europe, UK and across the world.

## REACH data obligations

To achieve EU REACH regulation compliance, companies must identify and manage the risks linked to the substances they manufacture and market in the EU. They must demonstrate to ECHA the hazards associated with the substance and how it can be safely used, and they must communicate the risk management measures to the users through Safety Data Sheets. Companies submitting a joint registration

must ensure to obtain high-quality analytical determination of each substance. Chemical identity data, generated to meet regulatory chemical testing programs requirements is a mandatory requirement for EU REACH registered substances for both lead and co-registrants. This data should be submitted in the form of a technical dossier using IUCLID software. UK REACH requires the same rigorous approach to demonstrating substance identity and sameness.

A lead registrant dossier needs to include information that is harmonized for all the co-registrants, such as the classification and labelling of the substance and the toxicological and ecotoxicological data defined in the REACH Annexes. REACH testing programs, data gathering and processing can be costly and complex and requires expert assessment of the data and gaps identified. As a member registrant, your IUCLID dossier includes information about the identity of your own substance supported by analytical data as well as your own uses and annual tonnages. Members buy a letter of access to the data in the lead registrant dossier allowing them to reference it.

## Expertise in regulatory chemical testing programs

Based on our extensive knowledge of global chemical regulatory issues and considerable experience gained during the EU REACH registration deadlines, we continue to offer regulatory chemical testing programs to clients around the world as they look ahead to the UK REACH registration deadlines and the forthcoming revision of the EU REACH Regulation 1907/2006.

We deliver high quality REACH testing data for structural and compositional information (including information on impurities) as part of your substance identity requirements and sameness testing and relevant technical guidance to ease your registration process. With strengths in data assessment, we identify any data gaps in the information to complete a dossier and then put in place efficient strategies to address these gaps whilst minimizing unnecessary testing costs.

We adapt our REACH services to your specific needs. We cover all REACH testing services for the UK, EU and KKDİK Turkey regulations. We can manage the entire process for you, or we

can provide you with support for the specific areas where you need assistance. REACH registration dossiers are live documents and are expected to be maintained and updated promptly upon changes or new data.

### REACH Substance Identity

REACH substance identification involves characterizing the chemical composition for registration purposes under the REACH Regulation. This entails clearly demonstrating the structure and purity of the substance which is evaluated by the authorities upon submission of an Inquiry dossier. If the data is deemed incomplete or inadequate, the dossier is rejected, and the prospective registrant advised to carry out further analyses to fill in the data gaps. This process can add months to the registration timeline and impose a business compliance risk if a substance is not properly identified, and the wrong substance is registered.

Our REACH analysis laboratories offer diverse analytical techniques and expertise to assist companies in obtaining REACH registration by accurately identifying substances and providing necessary analytical services.

### REACH Sameness Testing

REACH sameness testing is essential for co-registrants to confirm if their substances align with the Lead Registrant, requiring detailed chemical information and analytical data. EU REACH introduced Substance Identity Profiles (SIP) where each SIEF published the identity and purity criteria which must be met to confirm substance sameness. Our REACH testing laboratories conduct thorough sameness testing programs for all types of substances, providing robust substance identification, enabling companies to make informed decisions regarding joint registration and compliance with REACH regulations.

### REACH Testing for Nanoforms

The EU Regulation 1907/2006 [REACH] amendment 2018/1881, mandates specific obligations for companies involved in manufacturing or importing such nanoforms. Intertek offers comprehensive chemical and physical testing services to help companies comply with these evolving regulatory requirements, including nano-scale analysis covering particle size, shape, dispersion, crystallinity, surface area, surface chemistry / surface modification, composition and impurities.

### Polymers Under REACH

The original EU REACH legislation considered registration of the respective monomers sufficient to cover the compliance of polymers. One of the areas included in the upcoming REACH amendment addresses the requirement to register some polymers. A global evaluation of information on polymers has identified some groups of polymers which may be hazardous and there could be benefits to human health and the environment from properly evaluating their hazards and determining appropriate risk management measures through a registration process. Intertek has a wealth of experience in polymer chemistry and can provide analytical strategies and testing services for the identification and evaluation of polymeric materials for registration purposes in line with the upcoming PRR (Polymers Requiring Registration) directive.

With the upcoming UK REACH registration requirement deadline approaching, we're here to help you meet your registration needs.



### Petroleum UVCBs Testing for REACH

Accurate identification of petroleum UVCBs in REACH dossier submission is critical for compliance. Due to the complexity of crude oils, detailed characterisation beyond standard methods is required. Concawe recommends using boiling point and carbon number distribution, plus individual hydrocarbon analysis, for a comprehensive profile. Our scientists use advanced methods to overcome analytical challenges and quantify specific properties such as polycyclic aromatic (PCA) content.

### Circular Economy of Polymers and Substance Recovery

EU REACH compliance promotes circularity by allowing companies that obtain a substance from a recovery process to place it on the market without reregistering it as long as they can demonstrate it is similar to the original registered substance (EU REACH article 2 (7)d). Intertek has the expertise to generate the required analytical data to support this compliance requirement.

As companies move towards chemical recycling of polymeric waste in order to generate new useful substances this means that a new category of UVCB substances similar to petroleum substances are being placed on the market. Concawe recommended analytical characterization testing is not always sufficient to characterize these new substances. Intertek has experience in characterization of UVCB substances obtained through processing of waste polymer materials.

### UK REACH Testing

Analytical Testing is also critical to UK REACH compliance. Testing such as Substance identity requirements under UK REACH are the same as for EU REACH as described by the UK HSE. Intertek's REACH experts provide robust support through preparation and technical dossier submission of both Lead and Non-Lead technical dossiers using the IUCLID software and Comply with UK REACH IT system. We are a leading international provider of REACH testing services with a global network of REACH laboratories and a proven track record in providing test data for regulatory submissions and chemical registrations for a wide range of industries.

### Testing for REACH Substances of Very High Concern (SVHCs)

Intertek's SVHC testing and screening services include comprehensive testing of products and preparations for SVHCs over 0.1% w/w. Utilizing our vast wealth of analytical laboratories worldwide, Intertek provides SVHC testing for a broad range of articles.


### Providing Regulatory Testing for Over 30 Years

Intertek has extensive experience supporting many companies with EU REACH registrations and comparable global chemical notifications in many jurisdictions worldwide. With the upcoming UK REACH registration requirement deadline approaching, we're here to help you meet your registration needs. In line with the HSE's latest extended submission deadlines for full registration data, Intertek can fully support your registration requirements.

Intertek's experienced REACH test programs are delivered consistently with precision, pace and passion, enabling you, our customer, to power ahead safely. Contact our team now to find out how our high-quality REACH testing data and expert project management can help ease your registration process.



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