

Personal Care Products

Personal Care Products or cosmetics are products used for physical care, hygiene, or relaxation. This includes, for example, make-up, shampoo, toothpaste, soap, shaving cream, deodorant, perfume, bath and shower products, lip balm and sun screen.

In the environment

Almost all cosmetic products enter the environment via waste water after usage. Bath and shower products, toothpaste and shampoo almost entirely end up in the sewage treatment plant and a small part flows directly into the surface water. Water treatment plants remove most substances from sewagewater, so that they do not enter surface water. However, some substances that are poorly degradable do end up in surface water.

Risks and toxic effects

Personal Care Products may contain substances such as phthalates, parabens, synthetic musk compounds, biocides and solvents. Research has mainly found phthalates in high concentrations in Personal Care Products, which are used to fix fragrances. These substances are harmful to humans and if they end up in surface water, they may have effects on the aquatic environment. For example, tested hormone disrupting substances have shown harmful effects on fertility and reproductive organs. There is also an increased risk of asthma and some forms of cancer.

Legislation

To protect public health, legal requirements have been established for the composition, labeling and packaging of cosmetic products, for example. The Cosmetics Regulation 1223/2009/EC came into force in January of 2010 and was to be fully implemented by July 2013. In the Netherlands, EU cosmetics legislation has been included in the Cosmetics Products Commodities Act Decree.

Offerings Eurofins

No fixed analysis package is prescribed (inter) nationally for Personal Care Products. Eurofins has put together an analysis program based on scientific studies of PPCPs (Pharmaceuticals and Personal Care Products) and the occurrence of these compounds in waste water and surface water. By applying modern analytical techniques based on mass spectroscopic identification, compounds can be identified and reported unambiguously with very low reporting limits. Eurofins follows international developments in this area and will continue to tailor its analysis program for

PPCPs to the latest insights. Because Eurofins always extensively validates the analysis method, clients can be assured of reliable analysis results.

More information

Samples can be collected at the desired location or at a depot. Eurofins' logistic services can be reached at 0800-0991180 or logistiek@etbnl.eurofins.com.

For additional information regarding analyses, reporting, rates, delivery times, service and more, please contact the designated contact person or the customer service during office hours.

About Eurofins Environment Testing

Eurofins Environment Testing Netherlands is part of Eurofins Scientific and your partner for environmental testing.

Our goal is to help you achieve your objectives. With efficient and qualitative analysis techniques we support your business processes. Our customer service is at your disposal with specialized knowledge and extensive experience. You can make use of our own packaging and logistics service. Our reliable couriers take care of sample transfer on site and transport the samples to the relevant laboratory the same day.

Eurofins Environment Testing Netherlands is committed to protecting the environment. With our products and services, we support the responsible use and minimization of substances harmful to humans and the planet. Examples include hormones, pesticides, dioxins and heavy metals. By reducing the usage of water, raw materials and energy, we contribute to sustainability. Our laboratories have developed special programs to minimize environmental risks, such as a safe use of chemicals and waste disposal.