

# Benzene Testing



Benzene is known to cause cancer in humans according to the World Health Organization (WHO), the International Agency for Research on Cancer (IARC) and the U.S. Centers for Disease Control and Prevention (CDC). Numerous studies have confirmed that exposure to benzene whether through inhalation, skin absorption, ingestion, skin or eye contact poses significant health hazards.

Benzene contamination in sunscreens and after-sun products is a serious public health concern since they are regularly used by adults and children of all ages to prevent sunburn and skin cancer.





The United States Food and Drug Administration (FDA), recognizes the serious dangers of benzene and lists it as a 'Class 1 solvent' that should not be used in standard pharmaceutical production. In Canada, sunscreens are classified as non-prescription drugs or natural health products, depending on their active ingredients. They are regulated under the *Food and Drugs Act* and its *Regulations*. The USP limit required for benzene is not more than 2ppm.

It is important for people to practice sun protection especially in the summer months and equally important to have peace of mind that the products they use are safe.

## OUR OFFER

At **Eurofins Cosmetic and Personal Care**, our teams can help ensure that your product is of high quality, safe for end-users, and compliant with health and safety regulations. We use validated methods developed in-house and approved by FDA and DAkkS to detect benzene.

Our laboratories can offer testing for all your cosmetic products not limited to sunscreens, after-sun products, and disinfectants (for household use only).

Our team can also work with you to review your products formulation to ensure it is safe and compliant.

