

Bisphenol A

What is Bisphenol A?

Bisphenol A is a chemical compound used in the manufacture of plastics and epoxy resins used in the coating of cans..

Where is it found?

Bisphenol A is used in coating materials to cover the inner surface of cans but also in the manufacture of many plastics used for food and toys. Other typical application areas are paints, varnishes or glues, or thermal paper used for the receipt at supermarket checkouts.



Human Biomonitoring of Bisphenol A

The concentration of Bisphenol A is generally measured in urine. Bisphenol A is rapidly metabolized in the human body and is quickly passed out in urine, where it can be measured with biomonitoring.

Bisphenol A can usually be measured in the urine of more than 90 % of the human population and finding a measurable amount of bisphenol A in blood or urine is not dangerous and does not necessarily cause adverse health effect.

How are we exposed?

We are all exposed to Bisphenol A everyday because of its widespread use in plastics and other products of daily use, People can be exposed by eating or drinking food and drink, which have been in contact with plastic products containing Bisphenol A.

How can it affect us?

Current exposure levels to Bisphenol A are generally considered safe by various European authorities. However, human health effects from low-level exposure to Bisphenol A remains under discussion Whether continuous exposure to Bisphenol A may affect the hormonal system is currently being investigated.

It is generally acknowledged that more research is needed to assess the exact health effects of long-term exposure to low levels of Bisphenol A.

Ways to reduce exposure

Check the labels and avoid bisphenol A products when possible. Use baby-bottles, drinking bottles and other plastic products for food as well as pacifiers without bisphenol A. Avoid canned products that might be contaminated by BPA through the coating of the cans.

