

食品接触材料 及其制品检验 检测服务

食品接触材料及制品涉及食品包装、餐具、厨具、食品加工机械、食品用小家电等产品，以及这些产品中与食品接触的材料，如塑料、橡胶、金属、玻璃、陶瓷和纺织品等，也包括用于这些产品和材料的着色剂、印刷油墨、粘结剂等辅助材料。

质量安全存在隐患的食品接触材料及制品可能会在与食品接触的过程中影响食品的气味和味道，更可能会释放出一定量的有毒重金属或有毒塑料单体。同时，材料中的某些化学成分可能迁移到食品中而随之被人体摄入，影响人类健康。

因此，世界各国均十分重视食品接触材料及制品的质量安全问题，并通过建立完善相应的机制、制定严格的安全标准和先进的控制与检测技术等措施来保障食品接触材料及制品的质量安全，进而确保食品安全。

测试标准

食品级材料总迁移、蒸发残渣测试

食品级材料品评测试

食品级材料重金属含量测试

食品级材料有毒有害物质(邻苯二甲酸盐, 偶氮化合物, 多环芳烃, 乙二醇-二(乙基己基)酯, 甲醛, 五氯苯酚, 多氯联苯, 多溴联苯, 多溴联苯醚等)检测

食品级材料的微生物检测及细胞毒性试验

食品级材料物理特性(熔点, 密度, 可溶性, 拉伸强度等)检测

检测标准

欧盟标准1935/2004/EC

德国食品和商品法LFGB

法国标准DGCCRF

美国标准21CFR

其他国家食品接触材料的检测标准或协议方法(日本, 中国)

关于Eurofins

Eurofins欧陆集团是国际著名的检测认证机构，在众多产品领域为客户提供广泛的检测认证和技术咨询服务，是国际检测认证行业最早上市的四大公司之一。欧陆上海实验室可依据以上法律法规提供食品接触材料及制品的检测认证，还可根据客户需求按照各种协议方法进行测试，助您突破环保和技术贸易的壁垒，确保您的产品出口安全。

Food Contact Materials & Articles Testing Service

Food contact materials and articles involve food packaging, tableware, kitchenware, food processing machinery, small household appliances etc. used for food, and the materials which contact food in the above articles such as plastic, rubber, metal, glass, ceramics, and textile etc., also including auxiliary materials such as the coloring agent, printing ink, and binder etc. used for the above articles and materials.

If with hidden danger in quality and safety, the food contact materials and articles may impact the smell and taste of the food when they contact food, it will more likely release a certain amount of toxic heavy metals or toxic plastic monomer. At the same time, some chemical composition of the materials may move to the food, and it will be taken by human body, thus to affect human health.

Therefore, each country in the world is highly paying attention to the quality and safety of food contact materials and articles, and by establishing and improving a corresponding mechanism, formulating strict security standards, advanced control and testing technology measure, each of them ensures the quality and safety of food contact materials and articles so as to ensure the safety of food.

Testing Ability

Testing Standard

EU Directive 1935/2004/EC
German Food and Commodity Law LFGB
French DGCCRF
American Standard 21CFR
Japan Food Sanitation Regulation, China Food Standard GB

Overall migration and evaporation residue testing for food grade materials
Sensory testing for food grade materials
Heavy metal content testing for food grade materials
Toxic and harmful substances, including phthalates, AZO, PAHs, DEHA, formaldehyde, PCP, PCBs, PBBs and PBDEs etc., testing for food grade materials
Microbial examination and cytotoxicity test for food grade materials
Physical characteristics testing (melting point, density, solubility, tension etc.) for food grade materials

About Eurofins

Eurofins Group is a leading international group of laboratories providing quality and safety services to a wide range of global and local industries. We are one of the first four listed international testing and certification companies.

Eurofins Product Testing Shanghai is well accredited to provide you Food Contact Materials and Articles testing, certification and consulting services according to above laws and regulations. Tailored testing can be delivered also according to customers' requirement, protocol and special testing methods. We aim to support you break through the barriers of environmental protection, technology and trading, and ensure the safety of your exports.