

玩具产品安全保证 (Toys)

关于欧陆集团 (Eurofins Group)

欧陆集团，国际著名的检测认证机构，在食品、药品、环境、消费品等诸多产品领域为客户提供广泛的检测认证和其它技术咨询服务。目前，欧陆集团的业务分支遍布全球 30 个国家，拥有 150 多个实验室，超过 8,000 名训练有素的员工。

依托集团在食品、药品及环境等领域的雄厚基础，加之充裕的资金实力，更有我们传统客户（如零售商、进口商等）的强烈推动，欧陆集团在几年前开始有规模地开拓中国地区的消费品市场，给中国的生产企业和零售商，尤其是**玩具产品**检测认证领域，提供本土化的，更专业、更高效的检测认证服务。

玩具检测的法规

欧盟玩具安全新指令 2009/48/EC 将于 2011 年 7 月开始生效，届时现行的指令 88/378/EEC 将作废。新指令的化学要求将于 2013 年 7 月开始生效。

美国市场则对玩具有两类标准要求：一是由美国消费者产品安全委员会（CPSC）制定的美国联邦消费品安全法规第 16 部分；另一个是由美国材料和测试协会制定的玩具标准 ASTM F963。



欧陆集团的服务

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| ◆ EC 考查 | ◆ 铅含量 – 每种材料 |
| ◆ 物理-机械性能要求 | ◆ 木质玩具中甲醛含量 |
| ◆ 易燃性 | ◆ 电子玩具标签检查 |
| ◆ 特殊物质的迁移 | ◆ 水彩颜料 |
| ◆ 有机化学品 | ◆ 纺织品中的偶氮染料 |
| ◆ 铅和镉的含量 | ◆ 耐汗/唾液坚牢度 |
| ◆ 镍的释放 | ◆ 邻苯二甲酸盐 |
| ◆ RoHS | ◆ 玩具的摇摆、滑动和类似活动等 |

涉及的标准、指令和法规有：EN71、ISO8124、GB 6675、ASTM F963、EN62115等系列标准以及EMC指令、76/769/EEC指令、CPSIA等的符合性评估。

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Safety Test Solutions for Toys

About Eurofins Group

Eurofins Group, founded in 1987 and headquartered in Brussels, is a leading international group of laboratories providing an unparalleled range of testing and support services to the pharmaceutical, food, environmental and consumer products industries and to governments. Eurofins Group already quoted in Paris and Frankfurt stock market, and nowadays we have over 150 offices and labs across 30 countries, with over 8,000 employees worldwide to service our customers.

Based on our Food, Pharma, and the Environment a strong foundation, coupled with sufficient financial strength and more promotion of our traditional customers (such as retailers, importers, etc.), we started to open up China's Consumer Goods market field a few years ago. Especially for Toys, with our professional technical team, advanced testing equipment and a new service model, we are fully capable to provide you with the best and most efficient service.



Regulations of Toys

For European market, the New EU Toys Directive 2009/48/EC has been published in the Official Journal in June 2009, and will be effective from July 2011 onwards, while the current Directive 88/378/EEC will be repealed. The new chemical requirements will be effective from July 2013 onwards.

In U.S. market, there are two standards for toys, one is the U.S. federal consumer safety regulations Part 16 developed by the U.S. Consumer Product Safety Commission (CPSC); the other is toy standard ASTM F963 developed by American Society for Testing and Materials.

Eurofins Group's Service

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|-------------------------------------|---|
| ◆ EC Type examination | ◆ Lead content per material |
| ◆ Physical- Mechanical requirements | ◆ Formaldehyde content in wooden toys |
| ◆ Flammability | ◆ Label check in electrical toy |
| ◆ Migration of certain elements | ◆ Watercolor paints |
| ◆ Organic chemical compounds | ◆ AZO Dye in textile |
| ◆ Pb and Cd content | ◆ Color fastness to perspiration and saliva |
| ◆ Nickel Release | ◆ Phthalates |
| ◆ RoHS | ◆ Swings, slides and similar activity toys |

Relevant standards and directive: EN71, ISO8124, GB 6675, ASTM F963, EN62115, and EMC directive, Directive 76/769/EEC and CPSIA.

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