



## 增塑剂检测

增塑剂是指添加到聚合物体系中能使其增加塑性的物质。“增塑剂”含有多种化学基团，最为常见的是邻苯二甲酸酯，尤其是邻苯二甲酸二异辛酯（DEHP）。2005年，欧洲食品安全局（EFSA）对几种邻苯二甲酸酯进行了评估，并将邻苯二甲酸二异辛酯（DEHP）、邻苯二甲酸二丁酯（DBP）和邻苯二甲酸丁苄酯（BBP）确定为再生性毒素。任何食品中增塑剂的迁移都会危害人体健康。

### 我们的服务

欧陆采用先进的UHPLC-ESI-MS/MS方法分析食品和其他产品中的增塑剂。该方法适用于普通食品、脂肪、油类、鱼油和生育酚，尤其适用于鱼油和生育酚这类极具分析挑战难度的复杂基质。UHPLC-ESI-MS/MS方法极其灵敏；当使用苯基己基相时，甚至是化学性质相似的邻苯二甲酸酯类的同分异构体（如DBP/DIBP）也能够被完全分离。

欧陆能够根据中国、欧盟及其他国家的营养标签要求提供相关检测服务。

| 检测项目            | 定量限 | 单位    |
|-----------------|-----|-------|
| 邻苯二甲酸丁苄酯(BBP)   | 0.3 | mg/kg |
| 己二酸二丁酯          | 0.5 | mg/kg |
| 邻苯二甲酸二丁酯(DBP)   | 0.5 | mg/kg |
| 己二酸二乙酯          | 0.5 | mg/kg |
| 二乙基羟胺(DEHA)     | 0.5 | mg/kg |
| 邻苯二甲酸二异辛酯(DEHP) | 1   | mg/kg |
| 邻苯二甲酸二乙酯        | 0.5 | mg/kg |
| 己二酸二异丁酯         | 0.5 | mg/kg |
| 邻苯二甲酸二异丁酯(DIBP) | 0.5 | mg/kg |
| 邻苯二甲酸二异癸酯(DIDP) | 5   | mg/kg |
| 邻苯二甲酸二异己酯(DIHP) | 5   | mg/kg |
| 邻苯二甲酸二异壬酯(DINP) | 5   | mg/kg |
| 邻苯二甲酸二甲酯        | 0.5 | mg/kg |
| DINCH           | 0.5 | mg/kg |
| 邻苯二甲酸二辛酯(DOP)   | 0.5 | mg/kg |
| 磷酸三丁酯           | 1   | mg/kg |

没有找到您需要的检测项目？立即联系我们，了解更多服务信息。



# ANALYSIS OF PLASTICIZERS

Plasticizers are added to various glues as well to plastic materials to improve their application characteristics. Plasticizers are substances from various chemical groups. The largest quantity used comes from esters of phthalic acid, especially Di-2-ethylhexyl phthalate (DEHP). In 2005, the European Food Safety Authority (EFSA) evaluated several phthalates and classified diethylhexyl phthalate (DEHP), dibutyl phthalate (DBP) and benzylbutyl phthalate (BBP) as reproductive toxins. Any migration into foodstuffs is unhealthy.

## Our Services

In order to guarantee the quality and safety of foods in the production, export and selling processes, Eurofins China laboratories offers comprehensive microorganism testing services using international standard testing methods (ISO, FDA, AOAC/BAM, NMKL, APHA, IFU, USP, EP) and Chinese national standard testing methods (GB and SN), and we also provides personalised testing services based on the requirements of our clients.

Testing portfolio includes but not only:

| Product                      | LOQ | Unit  |
|------------------------------|-----|-------|
| Butylbenzylphthalat (BBP)    | 0.3 | mg/kg |
| Dibutyladipat                | 0.5 | mg/kg |
| Dibutylphthalat (DBP)        | 0.5 | mg/kg |
| Diethyladipat                | 0.5 | mg/kg |
| Di-Ethylhexyladipat (DEHA)   | 0.5 | mg/kg |
| Di-Ethylhexylphthalat (DEHP) | 1   | mg/kg |
| Diethylphthalat              | 0.5 | mg/kg |
| Di-Isobutyladipat            | 0.5 | mg/kg |
| Di-Isobutylphthalat (DIBP)   | 0.5 | mg/kg |
| Di-Isodecylphthalat (DIDP)   | 5   | mg/kg |
| Di-Isoheptylphthalat (DIHP)  | 5   | mg/kg |
| Di-Isononylphthalat (DINP)   | 5   | mg/kg |
| Dimethylphthalat             | 0.5 | mg/kg |
| Dinch                        | 0.5 | mg/kg |
| Di-N-Octylphthalat (DOP)     | 0.5 | mg/kg |
| Tributylphosphat             | 1   | mg/kg |

Don't see what you are looking for? Contact us now and learn more about our services.