

Plasticizers Analysis in Food

食物塑化劑含量測試

Plasticizers are synthetic additives which added to plastic to increase the flexibility and durability of the products. Presence of plasticizers in food may due to the migration of packaging materials or use of plasticizer-containing raw materials.

塑化劑是人工合成的添加劑，以增加產品的靈活性和耐久性。食物裡的塑化劑可由包裝材料遷移污染或使用含有塑化劑的原材料。



Researches suggest that large doses of plasticizers such as DEHP were found to affect the liver and kidney as well as the reproduction and development of experimental animals. Some plasticizers are classified as possibly carcinogenic.

研究發現，大量的塑化劑會影響實驗動物的肝臟、腎臟以及生殖器官。部份塑化劑已列為可致癌物。

Enviro Labs Ltd. is equipped with sophisticated analytical instruments to detect any plasticizers present in edibles so as to protect the health of consumers.

環境化驗有限公司配備了精密分析儀器，以檢測任何存在於食物和藥物裡的塑化劑，以保障消費者的健康。

The Expert Committee on Food Safety of Hong Kong has set the limits of the following plasticizers in food:

- DEHP - bis (2-ethylhexyl) phthalate - do not exceed 1.5 ppm
- DBP - dibutyl phthalate - do not exceed 0.3 ppm
- DINP - di-isononyl phthalate - do not exceed 9 ppm

香港的食品安全專家委員會制定的食品中塑化劑含量為：

- 「鄰苯二甲酸二(2-乙基己酯)」(DEHP) - 不可超出百萬分之一點五 (1.5 ppm)
- 「鄰苯二甲酸二正丁酯」(DBP) - 不可超出百萬分之零點三 (0.3 ppm)
- 「鄰苯二甲酸二異壬酯」(DINP) - 不可超出百萬分之九 (9 ppm)



Wine products are susceptible to be contaminated by plasticizers. 酒類產品較容易受塑化劑污染。



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