

# Testing Services for Food Safety 食品安全檢測服務

## Preservatives 防腐劑

Some types of preservatives are currently permitted adding in food at limited level, under Hong Kong food law Part V (Food & drugs of the Public Health and Municipal Services Ordinance (Cap. 132) – Preservatives in Food Regulations. Enviro Labs offers preservative tests to assist the industry to comply with the regulations.



Turnaround time:

7 working days

測試時間:

7 個工作天

Sample size:

Min. 100g/sample

樣品數量:

最少 100 克/樣品

跟據香港的基本食物法例公眾衛生及市政條例(第 132 章)第 V 部(食物及藥物)中的食物內防腐劑規例,有些防腐劑可用作防腐用途,但含量不得超過規例。環境化驗提供全面測試服務以協助業界去保證產品中的防腐劑含量合乎法例。

- Benzoic acid 苯甲酸
- Sorbic acid 山梨酸
- Propionic acid 丙酸
- Para-bens 苯甲酸酯類
- Salicylic acid 水楊酸
- Boric acid 硼酸

## Metallic Contamination 金屬雜質含量

- Arsenic (As) 砷
- Cadmium (Cd) 鎘
- Chromium (Cr) 鉻
- Lead (Pb) 鉛
- Mercury (Hg) 汞
- Antimony (Sb) 銻
- Tin (Sn) 錫

## Nutrition Facts Analysis 營養成分檢測

In May 2008, the Hong Kong Government has been updated the scheme on Hong Kong Nutrition labeling. The nutrition claims in the label included energy plus seven nutrients (7+1), it's namely Protein, Carbohydrate, Fat, Saturated fat, Trans fat, Sodium and Sugar.

2008 年 5 月,香港政府制定了食品營養素標籤的制度。最新的食物營養素標籤中包括熱量加七種核心營養素(7+1),即蛋白質、碳水化合物、脂肪、飽和脂肪、反式脂肪、鈉和糖。



Under the regulation, the carbohydrate content can be expressed into two options:

對於營養素標籤中的碳水化合物含量表示,可有兩種選擇: If the amount of "Total Carbohydrate" is provided instead of "Available Carbohydrate" on the nutritional labeling, the amount of dietary fiber must be provided. If not, the amount of "Available Carbohydrate" must be provided on the nutritional labeling.

若將標籤上的含量表示為「總碳水化合物」代替「可用碳水化合物」,膳食纖維的含量更要提供及列明。如果沒有提供,只可表示為「可用碳水化合物」。

### Energy 熱量

Energy calculation must include the amount values of available carbohydrates, Protein, Total fat, Alcohol and Organic acid.

熱量計算需要可用碳水化合物、蛋白質、總脂肪量、酒精和有機酸的數值作運算。

## Pesticide Residues Analysis 農藥殘留檢測

Realizing the increasing importance and need for monitoring the health & safety of the food supply, Enviro Labs provide testing services for pesticide residues in food, which is including over hundred types of pesticide in different matrices, those can be compliance with EU, FDA and GB standards.

爲了提高對食品健康和安全的需要和重要性,環境化驗提供食品中的農藥殘留檢測服務,可檢測農藥種類多過百種,當中包括歐盟、美國及中國國家要求。

Major 4 classes of pesticide were monitored:

受監管農藥主要有四大種類:

1. Organochlorinated Pesticides 有機氯類農藥
2. Organophosphorus Pesticides 有機磷類農藥
3. Pyrethroid Pesticides 除蟲菊酯類農藥
4. N-Methyl Carbamate Pesticides 氨基甲酸酯類農藥

Food Matrices:

食品種類:

1. Vegetables and Fruits 蔬果類
2. Herbs and Spices 香草和香料類
3. Water 水
4. Food from animal origin 肉類
5. Coffee and Tea 咖啡和茶類
6. Cereals and Grains 穀類

## Microbiological Test 細菌測試

Aerobic Plate Count 需氧菌落計數

*E. coli* 埃希氏大腸桿菌

Total Coliform 大腸桿菌群

*Vibrio cholera* 霍亂弧菌

*Vibrio parahaemolyticus* 副溶血性弧菌

*Listeria monocytogenes* 李斯特菌

*Campylobacter spp.* 彎曲菌類

*Salmonella spp.* 沙門氏菌類

*Staphylococcus aureus* 金黃葡萄球菌

*E. coli* O157 大腸桿菌 O157

Yeast and mold 霉菌及酵母菌

*Bacillus cereus* 蠟樣芽胞桿菌

*Clostridium perfringens* 產氣英膜梭狀芽胞桿菌





Eat  
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For enquiries, please contact our Food Testing Dept.  
如欲查詢，請聯絡食品化驗部。

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#### Office Hours:

辦公時間:

9am - 6pm Mon to Fri

上午 9 時到下午 6 時 (星期一至五)

#### Sample Pick-up and Delivery Services

收取樣板及運送服務

Enviro Labs will provide you with the service of sampling to cater for your needs. Our professional team can go to sampling destinations in most parts of Hong Kong twice a day and five days a week. We also guarantee the time that the samples arrive at laboratory with well storage.

本實驗室為客戶提供樣板運送服務。我們專業的運輸團隊可於港九新界大部份地區收取樣板，並可保證該樣板運抵本中心的時間及儲於適合環境。樣板運送服務一星期五天運作。

## Testing Services for Food Safety

## 食品檢測服務



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