

Examination of Estimates of Expenditure 2007-08
**CONTROLLING OFFICER'S REPLY TO
INITIAL WRITTEN QUESTION**

Reply Serial No.

**HWFB(FE)08
9**

Head : 49 Food and Environmental Hygiene Department

Question Serial No.

1310

Subhead (No. & title) : 603 Plant, vehicles and equipment

Programme :

Controlling Officer : Director of Food and Environmental Hygiene

Director of Bureau : Secretary for Health, Welfare and Food

Question :

Under this Subhead, the Food and Environmental Hygiene Department will purchase one integrated high resolution inductively coupled mass spectrometer system. Please advise on how this equipment will actually help with the laboratory work.

Asked by : Hon. WONG Yung-kan

Reply :

The Integrated High Resolution Inductively Coupled Plasma Mass Spectrometer System (HR-ICP-MS) is designed for accurate and precise measurement of chemicals such as cadmium and arsenic in foodstuffs, at very low level of chemical concentration. The addition of HR-ICP-MS will strengthen the existing analytical systems in FEHD for the purpose of supporting food risk assessment and standard setting work.

Signature _____

Name in block letters _____ **EDDY CHAN** _____

Post Title _____ **Director of
Food and Environmental Hygiene** _____

Date _____ **15.3.2007** _____