

✦ The information given below is for reference only and subject to change.



Briefing Session on Outsourcing Contracts regarding Food Testing

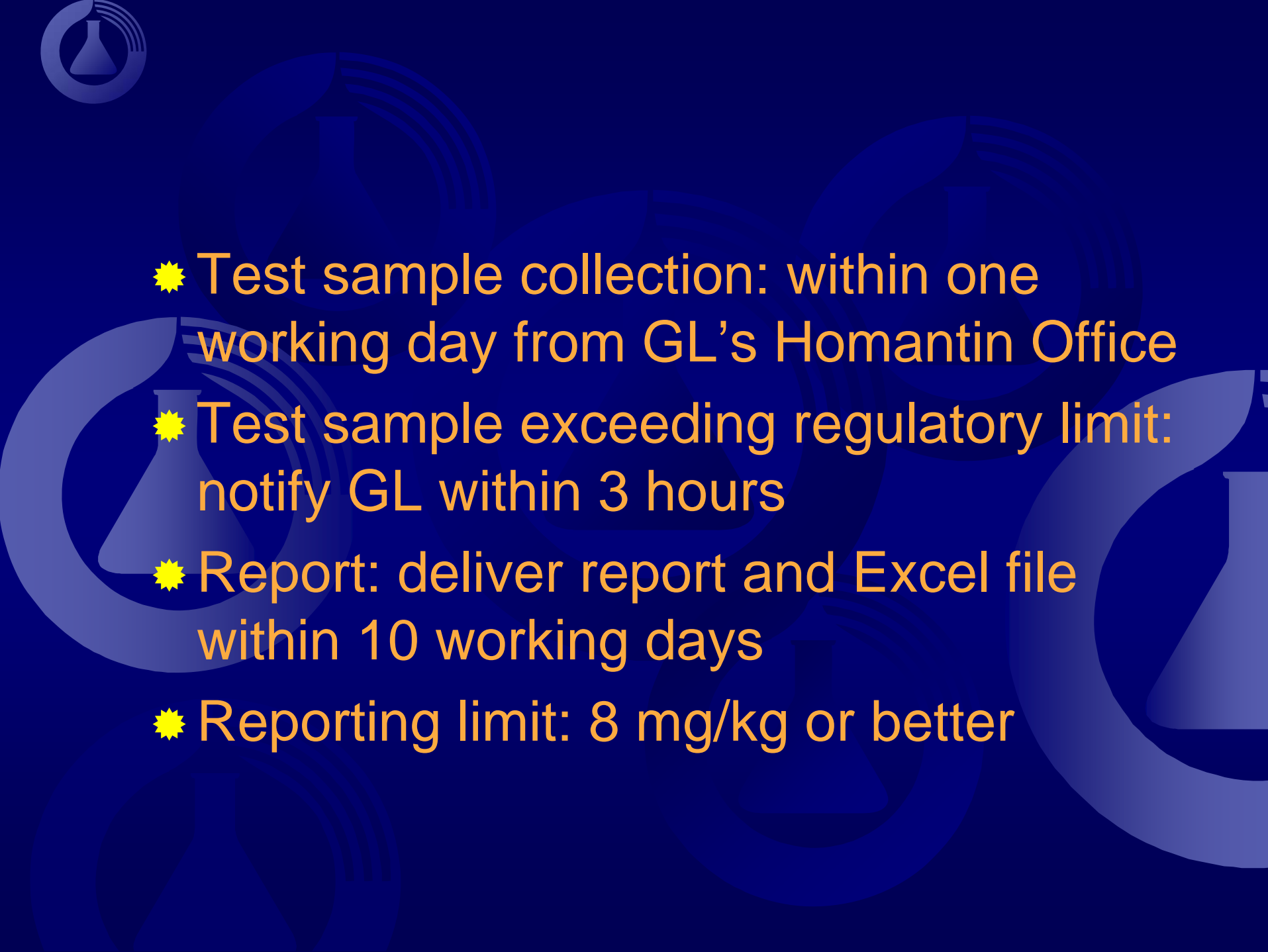
Government Laboratory
17 June 2008



Sulphur Dioxide in General Foodstuff



- ✦ Contract period: one year
- ✦ Test sample matrix: general foodstuff
- ✦ Test sample volume:
 - ✦ around 850 routine samples
 - ✦ around 150 urgent samples

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- ✦ Test sample collection: within one working day from GL's Homantin Office
 - ✦ Test sample exceeding regulatory limit: notify GL within 3 hours
 - ✦ Report: deliver report and Excel file within 10 working days
 - ✦ Reporting limit: 8 mg/kg or better



- ✦ Retention of remaining sample: at least 20 working days at - 10°C or below
- ✦ Sample disposal: comply ISO/IEC 17025 and laws of Hong Kong
- ✦ Accreditation requirements



★ Two envelopes approach

- ★ Technical proposal
- ★ Price proposal



Preservatives in General Foodstuff



- ✦ Contract period: one year
- ✦ Test sample matrix: general foodstuff
- ✦ Test sample volume: around 1,000 samples
- ✦ Parameters: benzoic acid, sorbic acid and salicylic acid
- ✦ Reporting limit: 50 mg/kg



Organochlorine Pesticides in Fruits and Vegetables



General Information

- ✦ Test sample matrix
 - fruits and vegetables
- ✦ About 1,000 test samples over one year contract duration
- ✦ Scope: 20 organochlorine pesticides
 - aldrin, dieldrin, endrin, *trans*-chlordane, *cis*-chlordane, oxychlordane, o,p'-DDT, p,p'-DDT, p,p'-DDD, p,p'-DDE, heptachlor, heptachlor epoxide, hexachlorobenzene (HCB), a-hexachlorocyclohexane (a-BHC), b-hexachlorocyclohexane (b-BHC), d-hexachlorocyclohexane (d-BHC), lindane, quintozone (PCNB), pentachloroaniline (PCA), methyl pentachlorophenyl sulphide (MPCPs)



Technical Requirements

- ★ Quantitative determination: GC/ECD
 - reporting limit: 0.02 mg/kg or better
- ★ Confirmation for individual pesticides exceeding reporting limit
 - GC-MS or 2nd GC column
- ★ Test portion preparation
 - Codex standard: *“Portion of commodities to which Codex MRLs apply and which is analyzed”*
 - http://www.codexalimentarius.net/download/standards/43/CXG_041e.pdf
- ★ Laboratory accreditation



Future Pesticide Testing Contracts

- ✦ General foodstuff
- ✦ Organochlorine pesticides
 - ✦ extended to 35 OCs
- ✦ Organophosphorus pesticides
 - ✦ 44 OPs
- ✦ Carbamates
 - ✦ 16 carbamates
- ✦ Pyrethroids
 - ✦ 8 pyrethroids



Coming Technical Seminar

Pesticide Residue Testing
in
General Foodstuff

15 July 2008 (Tuesday)



Updated quotations

- ✦ Sulphur dioxide in general foodstuff
- ✦ Organochlorine pesticides in fruits and vegetables
- ✦ Preservatives in general foodstuff

Please send updated quotation to Dr T.T. Kam
by e-mail ttkam@govtlab.gov.hk

Sample	Parameter	Cost per sample (HK\$)
General foodstuff	Sulphur dioxide	
Fruits and vegetables	20 OC pesticides	
General foodstuff	Benzoic acid, sorbic acid and salicylic acid	

Name of Organisation: