

SELAMAT Workshop on Pesticides Analysis

5-7th July 2006 - Bangkok

This event, which is organised and funded by SELAMAT and hosted by LCFA, will comprise a day of introduction to pesticides residue testing for a general audience, including those responsible for managing residue monitoring programmes. This will be followed by two days of training with a more practical emphasis for a limited group of analysts which will involve laboratory demonstrations and hands-on activity.

<http://www.selamat.net>

VENUES

Open Meeting—Wednesday, 5th July 2006

MIRACLE GRAND HOTEL

99 Vibhavadi-Rangsit Road, Laksi, Bangkok, Thailand

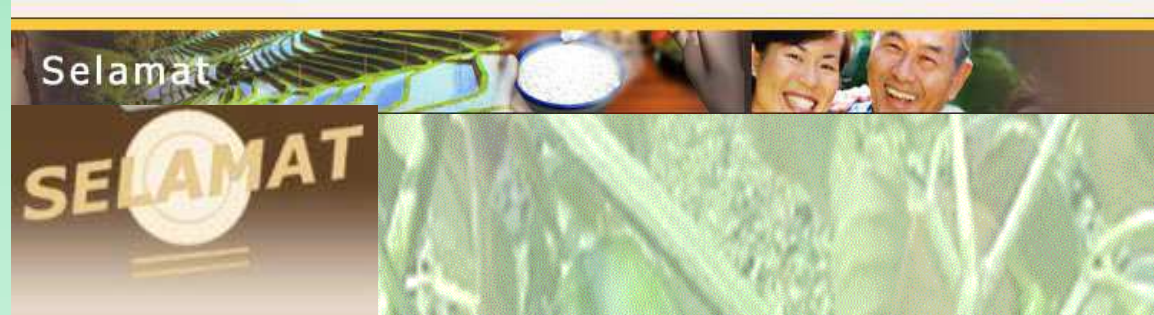
Lectures and Practical Demonstrations

Thursday, 6th July 2006

Friday, 7th July 2006

Laboratory Center for Food and Agricultural Products Co Ltd
(LCFA)

50 Phaholyothin Road, Ladyao, Jatujak, Bangkok, Thailand



SELAMAT Workshop on Pesticides Analysis

hosted by

Laboratory Center for Food and Agricultural Products
(LCFA)

Organized by SELAMAT

5-7th July 2006
Bangkok, Thailand



DAY 1 (5th July) — OPEN MEETING

Venue: **MIRACLE GRAND HOTEL**

Welcome and introduction to SELAMAT project
(Hans Marvin - RIKILT)

EU pesticides regulations – compliance for export
(Richard Fussell - CSL)

Pesticides analysis – an overview
(Sadat Nawaz - CSL)

Analytical Quality Assurance – EU guidelines
(Stewart Reynolds - CSL)

Discussion
(Hans Marvin - RIKILT)

Lunch

Extraction and clean-up techniques
(Richard Fussell - CSL)

Choosing methods – ECD, FPD, etc
(Stewart Reynolds - CSL)

Choosing methods - multi-residue LC/MS
(Sadat Nawaz - CSL)

Choosing methods - multi-residue GC/MS
(Richard Fussell - CSL)

Insights into pesticides method performance from proficiency testing
(Stewart Reynolds - CSL)

Challenges for pesticide analysis in Asia
(Vinai Pitiyont - LCFA)

Concluding remarks (Hans Marvin - RIKILT)

DAY 2 — (6th July) — Lectures and practical demonstrations

Restricted to 25 participants

Venue: **LCFA**

- Opening workshop
- Sampling and sample preparation (including cryogenic milling)
- Pesticide standards
- Extraction procedures used for pesticide residues analysis

Lunch

- Demonstration of 'Quechers' extraction procedure
- Demonstration of ethyl acetate extraction procedure
- Analysis of dithiocarbamates
- Discussion Q&A

DAY 3 — (7th July) — Lectures and practical demonstrations

Restricted to 25 participants

Venue: **LCFA**

- Introduction to sample clean-up procedures used for pesticide residue analysis
- Demonstration of SPE clean-up using ENVICARB[®]
- Method validation and accreditation
- Determination techniques (i) GC/MS

Lunch

- Determination techniques (ii) LC/MS
- Analysis of compounds not amenable to multi-residue approach
- Analytical trouble shooting – with reference to problems encountered by the delegates
- Closing workshop - discussion