

8th Joint CIPAC/FAO/WHO Meeting

Country Report on the Quality Control of Pesticides

Country/Name and Address of the Institution (contact person):

Bureau of Cosmetics and Hazardous Substances
 Department of Medical Sciences
 Ministry of Public Health
 Tivanon 14 Tivanon Rd., Nonthaburi 11000
 THAILAND

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1. Essential Information

Reporting period/year :	Number of samples analyzed (1)	Number of non-compliance (2)	Uses (3) (optional)
2010	540	94	Agricultural use : -
			Public Health use : 74
			Home and Garden use : 466
			Other uses (please specify) : -

- (1) Any sample, including those of active inspection and registration control samples.
- (2) Non-compliance with FAO/WHO or national pesticide specifications.

The number of samples analyzed in the Post-marketing Surveillance Program are 251 and 43 samples (17.1 %) are non-compliance due to the amount of active ingredient is higher (~41 % of non-compliance samples) or lower (59 % of non-compliance samples) the acceptable deviation from the labelling*

** According to the Notification of the Ministry of Public Health under the Hazardous Substances Act.*

2. Any comments and/or background information

Laboratory Quality System

The Bureau of Cosmetics and Hazardous Substances, Department of Medical Sciences, Ministry of Public Health have been accredited for ISO/IEC 17025 (Testing Laboratory) in the scope of pesticide formulation since 2001 by NATA, Australia and the scope of accreditation have been extend since then.

We also have been accredited for ISO/IEC Guide 43-1 and ILAC G-13 (Proficiency testing provider) by NATA, Australia since 2008 and the scope of pesticide formulation, temephos in larvicidal sand granule, was accredited in 2010. In May 2011, the reassessment was carried out for the ISO/IEC 17043. The grant is expected in July 2011.

Capacity Building of Official Quality Control Testing Laboratories in Thailand

We have been introduced WHO/GATES Project on Reduction of Health Risks through Sound Management of Pesticides by Dr. Morteza Zaim (WHO Head Quarter) since 2008. The activities under the project are as follows :

- a. Situation Analysis, Needs Assessment and Plan of Action on the Sound Management of Pesticides in Thailand, Bangkok. Mr. Tan Soo Hian, WHO Consultant. (Ministry of Public Health and Ministry of Agriculture, 15 June – 3 July 2009)
- b. Seminar on Pesticide Analysis Laboratories network in Thailand. Funding by WHO. (Cha-Am, Petchaburi, 5 – 6 November 2009)
- c. Assessment of capacity of pesticide quality control laboratories according to the National action plan for the sound management of pesticide in Thailand. Funding by WHO (Department of Medical Sciences (DMSc) and Department of Agriculture (DoA) 2 – 10 February 2010)

Main outcomes: formal and technical collaboration in quality control of pesticides for public health and agriculture identifying strengths and future development potential

- d. Joint DMSc/DoA/WHO Training : Physical-chemical Test Methods and methods for relevant impurities for Enforcement of FAO and WHO Specifications for Pesticides in Thailand. Funding by WHO and DMSc. (DMSc, Nonthaburi, 7 – 17 December 2010)

3. CIPAC Activities

3.1 Piperonyl Butoxide

Organizer : Maria Cristina Zanotti
Endura SpA
Site&Labs: Via Baiona 107
Casella postale 38
Ravenna 5
48123 Ravenna, Italy

3.2 Chlorfenapyr

Organizer : Dr. Jürgen Fries
BASF SE
Agricultural Center Limburgerhof
APR/DP – Li721
67117 Limburgerhof
Germany