

Annual CIPAC/FAO/WHO Report Form on the Quality Control of Pesticides

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

ROMANIA

Central Laboratory for Phytosanitary Quarantine
11, Voluntari, St., Code 077190
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Contact person:

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1 - Essential Information

Reporting period/year:	Number of samples analyzed (1)	Number of non-compliance (2)	Uses (3) (optional)
1-January-31 December 2008	355	16	Agricultural use: yes
			Public Health use:
			Home and Garden use:
			Other uses (please specify):

(1) Any sample, including those of active inspection and registration control samples.
- 355 samples;

(2) Non-compliance with FAO/WHO or national pesticide specifications.
-16 samples

The reason of non-compliance:

14 non-compliance:

- 7 counterfeits
- 2 samples non-compliance (content of active ingredient)
- 3 samples non-compliance (suspensibility)
- 2 samples non-compliance (content of active ingredient and physical properties)
- 2 unknown samples

Other samples analysed:

- 2 samples of seeds

(3) If possible, please indicate the use/destination of the pesticide analyzed if the pesticide has various uses, it should be included only in one category and should be explained under item 2 (comments).

-Agricultural use

2 - Any comments and/or background information

The Laboratory for Quality Control of Pesticides within Central Laboratory for Phytosanitary Quarantine carries out its as follows:

From total of samples analysed 355, were analysed :

- 86 samples analyzed in view of registration of plant protection products;
- 15 samples in view of low enforcement;
- 254 samples for 36 active substances were analysed in National Monitoring Program for Quality Control of Plant Protection Products in 2008(103 samples in Central Laboratory and 151 samples in 4 country).

In 24th of November 2008 , the Central Laboratory for Quality Control of Pesticides was accredited in accordance with SR EN ISO/CEI 17025 /2005 by National Body Accreditation RENAR for the following methods:

- determination of active substances by HPLC-UV on reverse phase with C18 column
- determination of active substances by HPLC-UV on reverse phase with C 8 column
- determination of active substances by HPLC-UV on normal phase
- determination of active substances by HPLC-UV, ion exchange chromatography
- determination of active substances by GC-FID on polar column
- determination of active substances by GC-FID on nonpolar column
- determination of wettability
- determination of solution stability
- determination of persistent foaming
- determination of degree of dissolution and solution stability
- determination of suspensibility
- determination of density (with flowmeter and density of suspension concentrates)
- determination of emulsion characteristics
- determination of pH values

3. CIPAC Activities

Participation to 2 collaborative trials for the following active substances:

- clothianidin, organised by JAPAC, JAPAN;
- 1-MCP organised by Rohm and Haas Europe Service ApS, USA.

Participation to Proficiency testing for physicochemical properties on pesticide formulation (content of the active ingredient-asulam, pH formulation, pH dilution 1%, density, foaming properties at dilution 20ml/l – methods CIPAC), organised by Departament Laboratories of Federal Agency for the Safety of the Food Chain, Belgium