CIPAC

COLLABORATIVE INTERNATIONAL PESTICIDES ANALYTICAL COUNCIL LIMITED

Commission Internationale des Méthodes d'Analyse des Pesticides (CIMAP)

Summary of the decisions taken at the 50th CIPAC Meeting in
Geneva, Switzerland, on Wednesday 14th June and Thursday 15th June 2006

CIPAC No	Name	Decision
649	Acetamiprid (2)	The normal phase HPLC method (CIPAC/4369), published in CIPAC L, page 8, for the determination of acetamiprid in TC remains a tentative CIPAC method.
627	Azadirachtin A	The reversed phase HPLC method (CIPAC/4429) for the determination of Azadirachtin A in TC and EC formulations was accepted as **full** CIPAC method (with the clarification that the column with 3 µm particle size should be used.)
288	Chlorothalonil	The method CIPAC/4187, published in CIPAC K, remains **provisional** until the clarification of the AOAC status of the method.
761	d,d-trans Cyphenothrin	The capillary GC method (CIPAC/4431) for determination of d,d-trans cyphenothrin in TC and EC formulations remains as **provisional** CIPAC method..
333	Deltamethrin	The normal phase HPLC method (CIPAC/4455) as extension of the scope of the CIPAC method 333, published in CIPAC L, for the determination of deltamethrin in WP, DP, EG and EW formulations was accepted as **full** CIPAC method.
339	Diflubenzuron	The extension of the scope of CIPAC method 339 (CIPAC/4461) to GR, SC and TB formulations was accepted as **full** method
603	Fenhexamid	The reversed phase HPLC method (CIPAC/4447) for the determination of fenhexamid in TC, WP, WG and SC formulations was accepted as **full** method. An additional identity test has to be provided.
667	IR 3535	The capillary GC method (CIPAC/) for the determination of IR 3535 in TC was accepted as **full** CIPAC method with the remarks that there was not a normal CIPAC collaborative trial carried out and no method extension would be possible in future.
414	Methoprene	The capillary GC method (CIPAC/4427) for determination of methoprene in TC and EC formulations was accepted as **full** CIPAC method with the modification of changing the solvent from ethanol to acetone.
709	Nicosulfuron	The reversed phase HPLC method (CIPAC/4443) for the determination of nicosulfuron in TC and WG formulations was accepted as **full** method with the addition of footnotes that the use of internal standard is necessary due to the small injection volume and

		that the calibration of the pH electrode should be carried out as stated in the method.
174	Picloram	The reversed phase HPLC method (CIPAC/4451), published in CIPAC L, p.104, for the determination of picloram in TC and SL formulations was accepted as **full** method. For the identity test additional information is needed and an explanation on the need to use LC/MS, or alternatively to provide a test based on a more widely available analytical technique .
657	Pyraclostrobin	The reversed phase HPLC method (CIPAC/4453) for the determination of pyraclostrobin in TC, TK, EC and WG formulations was accepted as **full** method.
716	Rimsulfuron	The reversed phase HPLC method (CIPAC/4445) for the determination of rimsulfuron in TC and WG formulations remains as **provisional** method with the recommendation to increase the sample weighing.
636	Spinosad	The reversed phase HPLC method (CIPAC/4456), published in CIPAC L, p.121, for the determination of spinosad (spinosyn A and D, respectively) in TC, SC and GR formulations using external standardization was accepted as **full** method.
454	alpha-cypermethrin	The extension of the scope of CIPAC method 454 (CIPAC/4508) for the determination of the total content of alpha-cypermethrin in LN formulations was accepted as **provisional** CIPAC method. The soap washing method for the determination of surface active ingredient concentration was accepted as tentative MT method.
750	*S*-Bioallethrin	The extension of the scope of CIPAC method 750 for the determination of *S*-bioallethrin**,** published in Handbook L**,** to EW formulations (CIPAC/4523) was accepted as **provisional** method.
26	Carbaryl	The reversed phase HPLC method (CIPAC/4520) for the determination of carbaryl in TK, SC and WP formulations was accepted as **provisional** CIPAC method with the comment not to use methanol.
683	Clodinafop-propargyl	The non-enantioselective reversed phase HPLC method (CIPAC/4499) for the determination of clodinafop-propargyl in TC, EC and WP formulations was accepted as **provisional** CIPAC method. The enantioselective reversed phase HPLC method for the determination of the *R*-enantiomer was accepted as a quantitative identity test.
333	Deltamethrin	The extension of the scope of CIPAC method 333 (CIPAC/4497) for the determination of deltamethrin in LN formulations was accepted as **provisional** CIPAC method. The method for the determination of wash retention of LN formulations was accepted as a **provisional** washing MT method requiring the company to repeat the test with good samples and homogenized nets. This method was proposed as starting method to develop a CIPAC method for the "washing procedure" of more general use, possibly checked with other LN formulations.
79	Fenthion	The extension of the scope of CIPAC method 79 (CIPAC/4522) to UL and DP formulations was accepted as **provisional** CIPAC method.
470	Flufenoxuron	The reversed phase HPLC method (CIPAC/4506) for the

		determination of flufenoxuron in TC, EC and DC formulations was accepted as **provisional** CIPAC method
342	Oxamyl	The reversed phase HPLC method (CIPAC/4494) for the determination of oxamyl in TC, SL and GR formulations was accepted as **provisional** CIPAC method requesting the company to clarify the necessity of using the internal standard.
357	Pendimethalin	The reversed phase HPLC method (CIPAC/4509) for the determination of pendimethalin in TC and EC formulations was accepted as **provisional** CIPAC method
331	Permethrin	The capillary GC method (CIPAC/4503) for the determination of permethrin content and *trans*-isomer ratio in TC and LN formulations was accepted as **provisional** CIPAC method. The "washing method" was adopted as **tentative**, and requesting the company to repeat the study with the accepted provisional method. (CIPAC/4497) having possibly a footnote to heat the samples between washes.
331	Permethrin	The extension of the scope of CIPAC method 331 published in Handbook 1C for the determination of permethrin (CIPAC/4523) to EW formulations was accepted as **provisional** method, with the remark that in future, CIPAC will not accept method extension on packed columns.
33	Piperonyl butoxide	The extension of the scope of CIPAC method 33 published in Handbook 1C for the determination of piperonyl butoxide (CIPAC/4523) to EW formulations was accepted as **provisional** method, with the remark that in future, CIPAC will not accept method extension on packed columns
715	Pyriproxyfen	The reversed phase HPLC method (CIPAC/4501) for the determination of pyriproxyfen in TC, EW, GR and EC formulations was accepted as **provisional** CIPAC method
636	Spinosad	The extension of the scope of CIPAC method 636 (CIPAC/4511) to DT formulations was accepted as **provisional** CIPAC method
484	Fenoxaprop-P	After peer validation (CIPAC/4524), the method for enantiospecific determination of *R*-fenoxaprop-ethyl in fenoxaprop-P-ethyl (CIPAC 4524) in TC EW, EC and SE formulations was accepted as **provisional** CIPAC method.
333	Deltamethrin	The normal phase HPLC method (CIPAC/4526) as extension of the scope of the CIPAC method 333 for the determination of deltamethrin in TB-formulations was accepted as **provisional** CIPAC method.
MT 192	Viscosity of Liquids by Rotational Viscometry	The method for the determination of the viscosity of non-Newtonian liquid formulations by rotational viscometry, published in CIPAC L, p.145, has been revised and was accepted as **full** CIPAC method (the revision concerns the sample preconditioning in the viscosimeter by shearing the sample at increasing shear rates).
MT 193	Friability of Tablets	The method for determination of attrition resistance of non coated tablets, published in CIPAC L, p.147, remains as **provisional** CIPAC method

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