CIPAC

COLLABORATIVE INTERNATIONAL PESTICIDES ANALYTICAL COUNCIL LIMITED

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

Summary of the decisions taken at the 51st CIPAC Meeting in
Umhlanga Rocks, South Africa, on Wednesday 13th June and Thursday 14th June 2007

CIPAC No	Name	Decision
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 **full** CIPAC method. The soap washing method for the determination of remaining active ingredient concentration remains a **tentative** MT method.
26	Carbaryl	The reversed phase HPLC method (CIPAC/4520) for the determination of carbaryl in TK, SC and WP formulations was accepted as **full** CIPAC method with the comment not to use methanol.
683.225	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 **full** CIPAC method.
333	Deltamethrin	The extension of the scope of CIPAC method 333 (CIPAC/4497) for the determination of the total content of deltamethrin in LN formulations remains a **provisional** CIPAC method. The method for the determination of wash retention of LN formulations remains a **provisional** washing MT method.
333	Deltamethrin	The extension of scope of CIPAC method 333 (CIPAC/4526) for the determination of deltamethrin in TB formulations was accepted as **full** CIPAC.
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, subject of further clarification on the composition of the TC.
484.202	Fenoxaprop-P-ethyl	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 **full** CIPAC method.
79	Fenthion	The extension of the scope (CIPAC/4522) of the CIPAC capillary GC method 79 published in Handbook L to UL and DP formulations was accepted as **full** 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 **full** 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 **full** CIPAC method, with a note that the method can be used without an internal standard (IS), but the validation data have been generated with IS.
357	Pendimethalin	The reversed phase HPLC method (CIPAC/4509) for the determination of pendimethalin in TC and EC formulations was accepted as **full** CIPAC method.
331	Permethrin	The extension of the scope of the method CIPAC/4503 for the determination of permethrin (CIPAC/4523) in EW formulations using capillary GC was accepted as **full** 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 **full** CIPAC method. The "washing method" remains as **tentative** MT method.
715	Pyriproxyfen	The reversed phase HPLC method (CIPAC/4501) for the determination of pyriproxyfen in TC, EW, GR and EC formulations was accepted as **full** CIPAC method.
636	Spinosad	The extension of the scope of CIPAC method 636 (CIPAC/4511) to DT formulations was accepted as **full** CIPAC method
454	alpha-Cypermethrin	The method extension to the determination of alpha-cypermethrin in LN formulations (CIPAC/4568) with a modified sample preparation for bednets with alpha-cypermethrin incorporated) has been accepted as **provisional** CIPAC method.
571	Azoxystrobin	The capillary GC method (CIPAC/4557) for determination of azoxystrobin in TC, WG and SC formulations was accepted as **provisional** CIPAC method subject to clarification of certain points concerning sample preparation (temperature, sonication)
420	Cyromazine	The reversed phase HPLC method (CIPAC/4559) for the determination of cyromazine in TC, WP and SL formulations was accepted as **provisonal** CIPAC method.
101	Dodine	The reversed phase ion-pair HPLC method (CIPAC/4564) for the determination of dodine in TC and SL formulations has to remain a draft method until further considerations and/or modifications.
484.202	Fenoxaprop-P-ethyl	The method extension (CIPAC/4552) of the reversed phase HPLC method (CIPAC Handbook J, p. 51) for the determination of the chemical purity of fenoxaprop-ethyl to EC and OD formulations was accepted as **provisional** CIPAC method The method extension (CIPAC/4553) of the enantioselective HPLC method as quantitative identity test for the determination of fenoxaprop-P-ethyl (CIPAC Handbook J, p. 51) in OD formulations was accepted as **provisional** CIPAC method.

704	Lufenuron	The reversed phase HPLC method (CIPAC/4561) for the determination of lufenuron in TC and EC formulations was accepted as **provisional** CIPAC method.
33	Piperonyl butoxide	The method extension to the capillary GC method (AOAC-CIPAC 32+33+345/TK(M)) for the determination of piperonyl butoxide in TK and AL formulations to EW formulations (CIPAC/4554) was accepted as **provisional** CIPAC method. The method extension (CIPAC/4523, based on the packed colum presented at the 50th at the 50th CIPAC meeting in Geneva is therefore obsolete.
407	Prochloraz	The reversed phase HPLC method (CIPAC/4565) for the determination of prochloraz in TC and EC formulations was accepted as **provisional** CIPAC method. The method for the determination of prochloraz in prochloraz-Zn-complex was regarded as **tentative method** , subject to certain clarifications and notes.
631	Thiacloprid	The reversed phase HPLC method (CIPAC/4550) for the determination of thiacloprid in TC, SC, SE, WG and OD formulations was accepted as **provisional** CIPAC method, subject to certain clarifications and notes.
761	d,d-*trans*-Cyphenothrin	Clarification concerning the identity, the identity test and the ISO common name was given. The method remains as **provisional**, subject to clarification of certain points.
MT 194	Adhesion to Treated Seed	The MT method for the determination of adhesion of seed treatment formulations to treated seeds (CIPAC/4580) was accepted as **provisional** CIPAC 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 **full** method.

55	Terpyridines in Diquat	The independent laboratory validation of the HPLC-tandem mass spectrometry method for determination of residues of the relevant impurity terpyridines in diquat TK and SL was noticed and regarded to be suitable for the determination of the relevant impurity terpyridines in TK and SL , subject to clarification of certain points.
35	S-Methyl-Fenitrothion in Fenitrothion	The independent laboratory validated HPLC-UV method for the determination of the relevant impurity *S*-methyl fenitrothion in fenitrothion TC as well as in WP, EC and UL formulations was noticed and regarded to be suitable for the determination of the relevant impurity *S*-methyl fenitrothion in TC, WP, EC and UL, subject to clarification of certain points.
56	Terpyridines in Paraquat	The independent laboratory validation of the HPLC-tandem mass spectrometry method for determination of residues of the relevant impurity terpyridines in paraquat TK and SL formulations was noticed and regarded to be suitable for the determination of the relevant impurity terpyridines in SL formulations , subject to clarification of certain points.