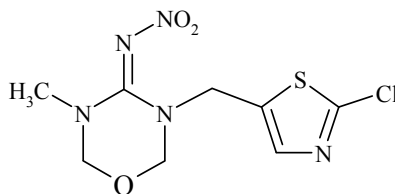


CIPAC STATUS REPORT

010/12/2013



0637 Thiamethoxam

Allocated to

CIPAC methods published in:

CIPAC

CIPAC 56th meeting, June 2012 in Dublin

Mr McIntyre presented the results of a **full scale** collaborative study (CIPAC 4845, 4846) on the determination of thiamethoxam in technical product (TC), water dispersible granule (WG), suspension concentrate (SC) and suspension concentrate for seed treatment (FS) formulations using reverse phase HPLC-UV, detection at 230 nm and external standard calibration. Two samples of TC, one sample of WG, one sample of SC and one sample of FS were provided. 26 laboratories requested participation, of which 20 were sent samples. Results received from 18 laboratories were received within the timeline of the trial.

One laboratory commented that they had issues using the short HPLC column recommended.

No data were excluded from the initial evaluation.

For TC 1 Lab 3 was identified as a Cochran's outlier. For WG Lab 3 was identified as a Grubbs straggler.

With all the data included all samples met the Horwitz criteria therefore no further refinement was necessary.

Mr McIntyre noted that the RSD_R for the SC and FS were higher than for the solid samples, although within the acceptable Horwitz values and thought this may be due to the less homogeneous nature of the formulation types. He therefore proposed to include a remark regarding sample homogenisation before sample weighing to the method.

Mr McIntyre concluded that the proposed method is appropriate for the determination of thiamethoxam in TC, WG, SC and FS and proposed that the method be adopted by CIPAC as a provisional method.

Decision:

The reversed phase HPLC method (CIPAC/4845) for the determination of thiametoxam in TC, WG, SC and FS formulations was accepted as a **provisional** CIPAC method.

CIPAC 57th meeting, June 2013 in Kyiv

At the 56th meeting, 2012 in Ireland the method was adopted as provisional. No further comments were received

The method can be promoted to a full CIPAC method.

Decision:

The reversed phase HPLC method (CIPAC/4845) for the determination of thiametoxam in TC, WG, SC and FS formulations was accepted as a **full** CIPAC method.

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