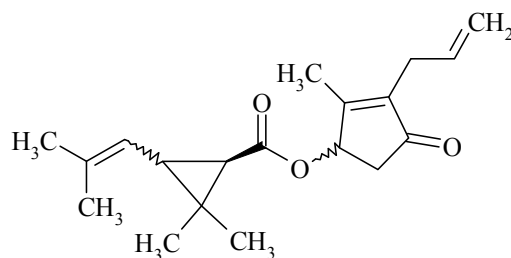


# CIPAC STATUS REPORT

06/12/2009



## 0750 *S*-Bioallethrin

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Allocated to J

CIPAC methods published in:

CIPAC L, p. 38

CIPAC M, p. 18 (EW)

**CIPAC** 47th meeting, June 2003 in Bucharest

Mrs. Furuta presented the results of a CIPAC collaborative study on the determination of the active substances in *d*-allethrin, bioallethrin, *s*-bioallethrin and esbiothrin technical materials and *d*-allethrin liquid vaporizer formulations. For the technical materials a capillary GC method was employed with FID detection and using *m*-terphenyl as the internal standard. Results were submitted by eleven laboratories. JAPAC proposed the method to be accepted as Provisional CIPAC method. A study for the applicability of the CIPAC draft method for *d*-allethrin, bioallethrin, and esbiothrin to mosquito coils and vaporizing mats was also presented. Hexane is used in sample preparation for MC formulations instead of acetone to extract a more limited number of formulants.

Decision The capillary GC method CIPAC/4326 on the allethrins was accepted as a **provisional** CIPAC method, including the identity test of the allethrins using enantiomeric HPLC, with certain reluctance. (very special and expensive method)

**CIPAC** 48th meeting, June 2004 in Brno

Decision The capillary GC method (CIPAC/4326) on the allethrins was accepted as **full** CIPAC method.

**CIPAC** 50th meeting, June 2006 in Geneva

Decision 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.

**CIPAC** 51th meeting, June 2007 in Umhlanga Rocks, South Africa

Decision 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.