

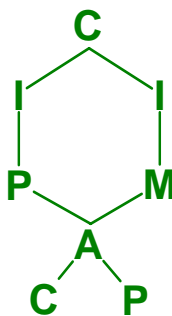
CIPAC

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651.229 mefenpyr-diethyl

This is to inform you that Bayer CS is planning to organize a collaborative trial on a method for mefenpyr-diethyl.

Principle. The mefenpyr-diethyl content in the technical concentrate is determined by reversed-phase HPLC using a 125 mm x 4 mm Hypersil ODS C18 (5 µm) column (or equivalent, with the same selectivity), with mobile phase composed of 0.1 % (w/w) aqueous phosphoric acid /acetonitrile 50/50 v/v and UV detection at 300 nm. Quantification is done by external standardization.

The mefenpyr-diethyl content in formulations is determined by normal phase HPLC using a 125 mm x 4 mm silica column (3 µm) (Hypersil Silica or Prontosil Hypersorb SI or equivalent, with the same selectivity), with a mobile phase composed of A: isooctane/1,4-dioxane (+0.15 % water) 97/3 v/v and B: isooctane/1,4-dioxane (+0.15 % water) 90/10 v/v and UV detection at 227 nm. Quantification is done by external standardization.

Scope. It is intended to analyze five samples consisting of the technical concentrate and a WG, OF, EW and EC formulations. Samples and mefenpyr-diethyl analytical standard will be supplied.

Time schedule. The collaborative trial is intended to be carried out during October– November 2007. Those who wish to participate should contact the organizer by 15th September 2007.

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