

**METSULFURON-METHYL
441**

See CIPAC H, p 204.

**METSULFURON-METHYL WETTABLE POWDERS
*441/WP/M/-**

1 Sampling. Take at least 500 g.

2 Identity tests

2.1 HPLC. As for metsulfuron-methyl technical **441/TC/M/2.1**, CIPAC H, p 205.

2.2 Infrared. As for metsulfuron-methyl water dispersible granules **441/WG/M/2.2**, CIPAC H, p 207.

3 Metsulfuron-methyl. As for metsulfuron-methyl technical **441/TC/M/3**, CIPAC H, p 205.

4 Suspensibility (Draft method)

REAGENTS AND APPARATUS As for **441/TC/M/3** and MT 15, except:

Calibration solutions. Weigh (to the nearest 0.1 mg) into three separate volumetric flasks 20, 50, and 80 mg (± 5 mg) metsulfuron-methyl. Add by pipette to each flask internal standard solution (10.0 ml) and sample solvent (90 ml). Place the flasks in an ultrasonic bath for 15 min. Allow to cool to room temperature and mix well. Prepare in the same way other standard solutions at other concentrations, if needed. Filter a small portion of each solution through a 0.2 μm (or 0.45 μm) PTFE filter prior to analysis.

PROCEDURE

(a) *Preparation of suspension.* MT 15 (i).

(b) *Determination of sedimentation.* MT 15 (ii).

(c) *Determination of metsulfuron-methyl in the bottom 25 ml of suspension.* As for metsulfuron-methyl water dispersible granules **441/WG/M/4** (b).

* CIPAC 2002 Prepared by a Committee chaired by: R A Simmons. Based on a method supplied by Du Pont de Nemours, USA