

SCHEDULE 2

METHODS OF ANALYSIS

13a.

DETERMINATION OF TOTAL MAGNESIUM -ATOMIC ABSORPTION SPECTROPHOTOMETRIC METHOD

Preparation of the sample solution

7.2.—(7.2.1) If the fertiliser has a declared magnesium oxide (MgO) content greater than 10%, transfer by pipette 25 ml of the filtrate (7.1) into a 100 ml graduated flask, make up to the mark with water and mix.

(7.2.2) Transfer by pipette 10 ml of the filtrate (7.1) or the diluted filtrate (7.2.1), into a 200 ml graduated flask and make up to the mark with 0.5 N hydrochloric acid solution (4.3).

(7.2.3) Dilute solution (7.2.2) with 0.5 N hydrochloric acid solution (4.3) to a concentration within the working range of the spectrophotometer. The final solution must contain 10% V/V strontium chloride solution (4.5).