

# SMART REAGENTS

## Magnesium Sulphate Reagent



### Features

- Formulated from analytical grade reagent
- Exactly pre-weighed powder in pouches
- Protected from contamination
- Dissolve and go for greater convenience

### Product description

Magnesium sulphate is widely utilized in biology. It can be used in agriculture as a micro-nutrient and in the process industry as a catalyst. Medicago's Magnesium Sulphate Reagent is supplied as pre-weighed powder in sealed pouches, giving 1000 ml of 1 M magnesium sulphate.

### Applications

- Process industry catalyst
- Agricultural micro-nutrient

### Directions for use

Empty one pouch of magnesium sulphate reagent in a laboratory flask or beaker placed on a magnetic stirrer. Add 300 ml of deionized water and stir for a few minutes. Adjust the volume up to 1000 ml, stir until full dissolution and the solution is ready to use.

### Shipping and storage

The magnesium sulphate is shipped at room temperature. Store the pouches in a dry place at room temperature. Shelf life is three years.

### Specifications

Chemicals	Analytical grade
Format	Exactly pre-weighed powder
Weight	5 mg and 20 mg
Shelf life	Three years after production date

### Tips and hints

If the contents of the pouch is not properly dissolved, make sure:

- the water temperature is 25°C (do not exceed this temperature)
- the solution is properly stirred.

### Certifications

Medicago's laboratories and manufacturing site in Uppsala are ISO 9001:2008 and ISO 13485:2003 certified. Each stage of the manufacturing process is controlled and monitored by stringent quality control procedures to guarantee the highest possible quality and lot-to-lot reproducibility.



### Ordering information

Article no.	Product name	Pack size	Solution vol.
12-9182-5	Magnesium Sulphate, 1 M	5 pouches	1000 ml/pouch

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