

---

## Magnesium acetate tetrahydrate, For Molecular Biology

**MB039**

### Product Identifier

---

CAS No.	:	16674-78-5
EC No.	:	205-554-9
Molecular Formula	:	(CH <sub>3</sub> COO) <sub>2</sub> Mg.4H <sub>2</sub> O
Molecular Weight	:	214.45
HS Code	:	2915 29 90
Storage	:	Below 30°C
Shelf life	:	4 years

### Technical Specification

---

Appearance	:	Colourless to white deliquescent crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
Chloride (Cl)	:	<= 0.001%
Calcium (Ca)	:	<= 0.01%
Barium (Ba)	:	<= 0.001%
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Manganese (Mn)	:	<= 0.001%
Potassium (K)	:	<= 0.005%
Sulfate (SO <sub>4</sub> )	:	<= 0.005%
Sodium (Na)	:	<= 0.005%
Strontium (Sr)	:	<= 0.005%
Insoluble matter	:	<= 0.005%
Assay (EDTA Titration)	:	98.00 - 102.00%

### Safety Information

---

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	AI5600000
WGK	:	1