

## Magnesium chloride hexahydrate

**MB040**

### For Molecular Biology

#### Product Identifier

CAS No.	:	7791-18-6
EC No.	:	232-094-6
Molecular Formula	:	MgCl <sub>2</sub> .6H <sub>2</sub> O
Molecular Weight	:	203.30
HS Code	:	2827 31 00
Storage	:	Below 30°C
Shelf life	:	4 years

#### Technical Specification

Appearance	:	White deliquescent crystals or powder or solid
Solubility	:	100 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
Ammonium (NH <sub>4</sub> )	:	<= 0.002%
Barium (Ba)	:	<= 0.005%
Calcium (Ca)	:	<= 0.01%
Heavy metals (as Pb)	:	<= 0.0005%
Insoluble matter	:	<= 0.005%
Iron (Fe)	:	<= 0.0005%
Manganese (Mn)	:	<= 0.0005%
Nitrate (NO <sub>3</sub> )	:	<= 0.001%
Phosphate (PO <sub>4</sub> )	:	<= 0.0005%
Potassium (K)	:	<= 0.005%
Sodium (Na)	:	<= 0.005%
Strontium (Sr)	:	<= 0.005%
Sulfate (SO <sub>4</sub> )	:	<= 0.002%
Assay (EDTA Titration)	:	>= 99.50

#### Safety Information

UN No.	:	Not dangerous goods
Class	:	-
Packing Group	:	-
RTECS	:	OM2975000
WGK	:	1