

Manganese (II) chloride tetrahydrate, For Molecular Biology

MB236


Product Identifier

CAS No.	:	13446-34-9
EC No.	:	231-869-6
Molecular Formula	:	MnCl ₂ .4H ₂ O
Molecular Weight	:	197.91
HS Code	:	2827 39 90
Storage	:	Below 30°C
Shelf life	:	4 years

Technical Specification

Appearance	:	Pink to reddish deliquescent crystals or powder or solid
Solubility	:	1000 mg soluble in 1 mL of water
DNases	:	None detected
RNases	:	None detected
pH (5% in water at 25°C)	:	3.50 - 6.00
Magnesium (Mg)	:	<= 0.005%
Calcium (Ca)	:	<= 0.005%
Heavy metals (as Pb)	:	<= 0.0005%
Iron (Fe)	:	<= 0.0005%
Sulfate (SO ₄)	:	<= 0.005%
Potassium (K)	:	<= 0.01%
Sodium (Na)	:	<= 0.05%
Zinc (Zn)	:	<= 0.005%
Insoluble matter	:	<= 0.005%
Assay (EDTA Titration)	:	98.00 - 101.00%

Safety Information

Hazard Pictogram(s)	:	
Signal Word	:	Danger
Hazard Statement(s)	:	H301- H318- H373
Precautionary Statement(s)	:	P260- P280- P301 + 310- P305+P351+P338- P321- P501
UN No.	:	3288
Class	:	6.1
Packing Group	:	III
RTECS	:	OO9650000
WGK	:	2