

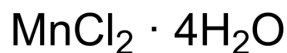
**Manganese chloride (tetrahydrate), molecular biology grade, ≥99.0% (KT)**

Cat. No.: HY-109521A  
CAS No.: 13446-34-9  
Batch No.: 269842  
Chemical Name: Manganese Chloride Tetrahydrate, Molecular biology grade, ≥99.0% (KT)

**PHYSICAL AND CHEMICAL PROPERTIES**

Molecular Formula:  $\text{Cl}_2\text{H}_8\text{MnO}_4$   
Molecular Weight: 197.91  
Storage: 4°C, sealed storage, away from moisture and light  
\* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

Chemical Structure:

**ANALYTICAL DATA**

Appearance: Off-white to pink (Solid)  
Purity: ≥99.0%  
PH at 25°C(5% in water): 5.21  
Sulfate(SO42-): 15.225 ppm  
Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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