

Chem-Impex International, Inc.

Tel: (630) 766-2112

E-mail: sales@chemimpex.com

Shipping and Correspondence:

935 Dillon Drive

Wood Dale, IL 60191

Fax: (630) 766-2218

Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	01496
Lot Number	001920-02413
Product	Manganese(II) chloride tetrahydrate
CAS Number	13446-34-9
Molecular Formula	MnCl ₂ ·4H ₂ O
Molecular Weight	197.91

Appearance	Pink crystals
Solubility	150 g in 100 mL water at 20 °C
Melting Point	58 °C (Approx.)
Heavy Metals	< 5 ppm (as Pb)
Anion	Sulfate (SO ₄ ²⁻): < 0.005%
Cation	Calcium (Ca): 0.0002% Magnesium (Mg): 0.00067% Potassium (K): 0.0005% Sodium (Na): 0.0012% Zinc (Zn): 0.0012% Iron (Fe): < 5 ppm
pH	5.02 (5% solution at 25 °C)
Insoluble material	0.003%
Assay by titration	98.59%
Grade	ACS reagent
Application	Used in the preparation of standard solutions.
Storage	Store at RT
Additional Information	Identification: Passes test

Certificate of Analysis

Catalog Number: 01496

Lot Number: 001920-02413

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager