

704 – MANGANESE (II) CHLORIDE, (TETRAHYDRATE), EXTRA PURE

REF NO: TBL/QA/SS/LC/704	STANDARD SPECIFICATION FOR MANGANESE (II) CHLORIDE (TETRAHYDRATE) EXTRA PURE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 704

PRODUCT PROPERTIES

C.A.S Number	13446-34-9
Chemical Formula	MnCl ₂ .4H ₂ O
Formula weight	197.91
Functional Uses	Manganese (II) Chloride, (Tetrahydrate) is used as a water soluble crystalline Manganese source for uses compatible with chlorides. It is used in pharma, food and agriculture industries. It is used as laboratory reagent.
Standard Packaging	500 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Reddish, slightly deliquesce, monoclinic crystals.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (0.5 M Soln. at 25°C)	4.0 – 6.0
Sulphate (SO ₄)	NMT – 0.002%
Calcium (Ca)	NMT – 0.001%
Iron(Fe)	NMT – 0.0005%
Assay	NLT – 99.0%

NOTE: Please consult the Material Safety Data Sheet for information regarding hazards and safe handling Practices.

