

705 – MANGANESE (II) CHLORIDE (Tetrahydrate), AR GRADE

REF NO: TBL/QA/SS/LC/705	STANDARD SPECIFICATION FOR MANGANESE (II) CHLORIDE (Tetrahydrate) ,AR GRADE	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 705

PRODUCT PROPERTIES

C.A.S Number	13446-34-9
Chemical Formula	MnCl ₂ .4H ₂ O
Formula weight	197.91
Functional Uses	Manganese chloride tetrahydrate is a useful agent to detect phospholipid vesicles.
Standard Packaging	500 gm. & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	A pink crystal / Crystalline Powder.
Solubility	10% soluble in water is clear and colourless.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Acidity (HCl)	NMT – 0.001%
Alkalinity (MgO)	NMT – 0.0005%
Nitrogen (N)	NMT – 0.002%
Phosphate (PO ₄)	NMT – 0.0002%
Sulphate (SO ₄)	NMT – 0.002%
Calcium (Ca)	NMT – 0.05%
Arsenic (As)	NMT – 0.0001%
Barium (Ba)	NMT – 0.005%
Iron (Fe)	NMT – 0.0002%
Potassium (K)	NMT – 0.005%
Sodium (Na)	NMT – 0.005%
Assay	NLT – 99.0 %

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

