

TMB 044 – MAGNESIUM ACETATE (Tetra)

REF NO: TBL/QA/SS/LC/ 044	STANDARD SPECIFICATION FOR MAGNESIUM ACETATE (Tetra)	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: TMB 044

PRODUCT PROPERTIES

C.A.S Number	16674-78-5
Chemical Formula	$C_4H_6MgO_4 \cdot 4H_2O$
Formula weight	214.45
Functional Uses	Magnesium acetate tetrahydrate is used as a precursor in the synthesis of MgCrMnO ₄ using a sol-gel method
Standard Packaging	100 gm

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White powder

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT-0.001%
Sulphate (SO ₄)	NMT-0.005%
Iron (Fe)	NMT-5ppm
Heavy Metal (as Pb)	NMT-5ppm
Sodium (Na)	NMT- 0.005%
Potassium (k)	NMT – 0.005 %
DNases/RNases	None detected
Assay	NLT-99.0%

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