

## 1964 – MAGNESIUM ACETATE, (Tetra), EXTRA PURE

REF NO: TBL/QA/SS/LC/1964	<b>STANDARD SPECIFICATION FOR MAGNESIUM ACETATE, (Tetra) EXTRA PURE</b>	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
Issue Date: 27/10/2021		Product code: 1964

### PRODUCT PROPERTIES

C.A.S Number	16674-78-5
Chemical Formula	C <sub>4</sub> H <sub>14</sub> MgO <sub>8</sub>
Formula weight	214.45
Functional Uses	Magnesium acetate tetra hydrate has been used in the fabrication of biotin-labeled DNA nanotubes.
Standard Packaging	500 gm.

### PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	White crystalline powder.

### CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Chloride (Cl)	NMT-0.001%
Sulphate (SO <sub>4</sub> )	NMT-0.005%
Iron (Fe)	NMT-5ppm
Heavy Metal (Pb)	NMT-5ppm
Assay	NLT-99.0%

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