

356 – MAGNESIUM CHLORIDE (HEXA)

REF NO: TBL/QA/SS/LC/356	STANDARD SPECIFICATION FOR MAGNESIUM CHLORIDE (HEXA)	Rev. No: 03
Issue No: 04		Review Date: 26/10/2024
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PRODUCT PROPERTIES

C.A.S Number	7791-18-6
Chemical Formula	MgCl ₂ ·6H ₂ O
Formula weight	203.30
Functional Uses	Magnesium chloride hexahydrate has been used to prepare renaturation buffer that is employed for the renaturation of denatured peptidoglycan (PGN) hydrolytic enzymes.
Standard Packaging	500 gm., 5 kg & 50 kg

PHYSICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
Appearance	Colorless crystalline powder.

CHEMICAL PARAMETERS

PRODUCT PARAMETER	SPECIFICATION
pH (1 M in H ₂ O, 25°C)	4.5 – 7.5
Sulphate (SO ₄)	NMT – 0.04%
Iron (Fe)	NMT – 0.002%
Phosphate (PO ₄)	NMT – 0.004%
Assay	NLT – 98.0%

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

