

PRODUCT IDENTITY

PRODUCT NAME	Magnesium chloride hexahydrate	PRODUCT NUMBER	M656966
Grades & Purity	Animal Free, Low Endotoxin, for cell culture, ≥99%	VERSION	3
CAS NUMBER	7791-18-6	FORMULA	MgCl ₂ •6H ₂ O
FORMULA WEIGHT	203.3g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(M656966)	White solid
Assay(Titration by AgNO ₃)	98.5-102.5 (%)
X-Ray Diffraction	Conforms to Structure
Solubility in H ₂ O , clear colorless ,500mg/ml in water	pass
Heavy metals	0-10 (ppm)
Sulfate(SO ₄ ²⁻)	0-100 (ppm)
Bromide(Br)	0-500 (ppm)
Calcium(Ca)	0-0.1 (%)
Endotoxin Assay	0-1 (EU/mg)
Total Plate Count	0-1000(CFU/g)

PARAMETER	SPECIFICATION / LIMIT
Water by Karl Fischer	50-55 (%)