

CERTIFICATE OF ANALYSIS

PRODUCT NAME: Magnesium chloride hexahydrate,AR

ITEM NUMBER: M116331
BRAND: Aladdin
CAS NUMBER: 7791-18-6
MDL NUMBER: MFCD00149781
FORMULA: MgCl₂ · 6H₂O
MOLECULAR WEIGHT: 203.30

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Assay	98 %	100 %	100 %
Barium and strontium(Ba)	0 %	0.005 %	0.005 %
Calcium(Ca)	0 μg/mg /	0.05 μg/mg /	0.05 μg/mg /
Clarity of solution	Clarify		
Heavy metals(Pb)	0 %	0.0005 %	0.0005 %
Insoluble matter	0 %	0.005 %	0.005 %
Iron(Fe)	0 ppm	0.0005 ppm	0.0005 ppm
Phosphate(PO ₄)	0 %	0.001 %	0.001 %
Solubility in ethanol	pass		
solubility in water	pass		
Sulfate(SO ₄)	0 %	0.005 %	0.005 %
Total nitrogen(N)	0 %	0.005 %	0.005 %
X-Ray Diffraction	Conforms to Structure		