

# SYSTEM

## CERTIFICATE OF ANALYSIS

PRODUCT NAME : Magnesium Chloride hexahydrate, *ChemAR*  
CATALOGUE NUMBER : MA300-00  
FORMULA :  $MgCl_2 \cdot 6H_2O$   
MOLECULAR WEIGHT : 203.31  
CAS. NUMBER : [7791-18-6]  
BATCH NUMBER : 160216150170  
EXPIRY DATE : Feb./2020

	<b><u>Specification</u></b>	<b><u>Batch Value</u></b>
Assay(Complexometric )	min.99.5 %	100.14 %
In water Insoluble matter	max.0.005 %	<0.002 %
Phosphate( $PO_4$ )	max.0.0005 %	<0.0002 %
Nitrate( $NO_3$ )	max.0.001 %	<0.001 %
Sulfate( $SO_4$ )	max.0.002 %	<0.002 %
Ammonium( $NH_4$ )	max.0.002 %	<0.002 %
Barium(Ba)	max.0.005 %	<0.002 %
Calcium(Ca)	max.0.01 %	<0.0008 %
Potassium(K)	max.0.005 %	<0.0006 %
Sodium(Na)	max.0.005 %	<0.0005 %
Stronium(Sr)	max.0.005 %	<0.002 %
Heavy metals(asPb)	max.0.0005 %	<0.0005 %
Iron(Fe)	max.0.0005 %	<0.0002 %
Manganese(Mn)	max.0.0005 %	<0.00008 %

*This document has been produced electronically and is valid without a signature*