



**SISCO  
RESEARCH  
LABORATORIES  
PVT. LTD.**

[www.srlchem.com](http://www.srlchem.com)

# Certificate of Analysis

<b>Product</b>	<b>69396 - Magnesium Chloride Hexahydrate ACS, 99% - [7791-18-6]</b>
<b>Batch No</b>	<b>9916516</b>
<b>Analysis Date</b>	23-May-2024
<b>Date of Manufacture</b>	May 2024
<b>Expiry Date/Re-Test Date</b>	May 2029
<b>Molecular Formula</b>	MgCl <sub>2</sub> .6H <sub>2</sub> O
<b>Molecular Weight</b>	203.30

Test Parameters	Standards	Actual Results
Appearance (Colour)	White	White
Appearance (Form)	Hygroscopic crystalline compound	Hygroscopic crystalline compound
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (EDTA Titration)	min. 99%	99.6%
Water Insoluble matter	max. 0.005%	0.002%
Sulphate (SO <sub>4</sub> )	max. 0.002%	Passes
Iron (Fe)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.0005%	Passes
Manganese (Mn)	max. 0.0005%	Passes
Potassium (K)	max. 0.005%	Passes
Sodium (Na)	max. 0.005%	Passes
Strontium (Sr)	max. 0.005%	Passes
Calcium (Ca)	max. 0.01%	Passes
Barium (Ba)	max. 0.005%	Passes
Nitrate (NO <sub>3</sub> )	max. 0.001%	Passes
Ammonium (NH <sub>4</sub> )	max. 0.002%	Passes

FRM/82/11/4/69396 Rev No. 4 Date 05/10/2023

Prepared by Dnyaneshwar

In compliance with the standard specifications of SRL

Plant Site 2 : H-4, MIDC, Talaja – 410 208, Maharashtra, India

608-B, Satellite Gazebo, Andheri Ghatkopar Link Road,  
Chakala, Andheri (E), Mumbai - 400 099. India. ☎ +91-22-4268 5800

1/1

[an ISO 9001-2015, 17025:2017, CE, GMP Certified Company](#)

This COA has been generated electronically and it is valid without signature.