



**SISCO  
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PVT. LTD.**

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## Certificate of Analysis

<b>Product</b>	<b>16203 - Magnesium Chloride Hexahydrate for tissue culture, 99.5% - [7791-18-6]</b>
<b>Batch No</b>	<b>2831878</b>
<b>Analysis Date</b>	20-Mar-2019
<b>Date of Manufacture</b>	March 2019
<b>Expiry Date/Re-Test Date</b>	March 2024
<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)	Crystalline powder	Crystalline powder
Solubility (Turbidity) 10% aq. solution	Clear	Clear
Solubility (Colour) 10% aq. solution	Colourless	Colourless
Assay (T)	min. 99.5%	99.9%
pH (5% aq. solution)	5.0 - 6.5	5.3
Sulphate (SO <sub>4</sub> )	max. 0.002%	Passes
Iron (Fe)	max. 0.0002%	Passes
Phosphate (PO <sub>4</sub> )	max. 0.0005%	Passes
Copper (Cu)	max. 0.0002%	Passes
Manganese (Mn)	max. 0.0005%	Passes
Heavy Metals (Pb)	max. 0.0005%	Passes
Potassium (K)	max. 0.001%	Passes
Sodium (Na)	max. 0.001%	Passes
Nitrogen Compounds (N)	max. 0.002%	Passes
Suitability for Tissue Culture	Passes	Passes

FRM/82/11/4/16203 Rev No. 1 Date 04/03/2019

Prepared by **Suvarna**

In compliance with the standard specifications of SRL

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