

## CERTIFICATE OF ANALYSIS

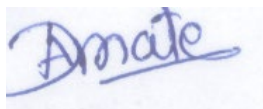
**PRODUCT NAME : MAGNESIUM NITRATE (HEXAHYDRATE) LR**

<b>CAS No</b>	: 13446-18-9	<b>Product code</b>	: 15491
<b>Mol. Formula</b>	: $Mg(NO_3)_2 \cdot 6H_2O$	<b>Batch No</b>	: MCR-31516
<b>Mol. WT</b>	: 265.41	<b>Mfd.</b>	: July 2024
<b>Date of analysis</b>	: 20/07/24	<b>Exp.</b>	: June 2029

S.R	Test	Specification	Observation
1	<b>Description</b>	Colourless or white deliquescent crystals or crystalline powder.	White crystalline powder.
2	<b>Assay</b>	98 % w/w min	99.43% w/w
3	<b>Chloride (Cl)</b>	0.005 % max	< 0.005 %
4	<b>Sulphate (SO<sub>4</sub>)</b>	0.01 % max	< 0.01 %
5	<b>Lead (Pb)</b>	0.001 % max	< 0.001 %
6	<b>Calcium (Ca)</b>	0.01 % max	< 0.01%
7	<b>Iron (Fe)</b>	0.002 % max	< 0.002%

**REMARK:** THE PRODUCT COMPLIES WITH THE ABOVE SPECIFICATIONS

**[Tested By]**



**CHEMIST  
(Deepa)**

**[QC Incharge]**



**HEAD-QUALITY ASSURANCE  
(G.G.Salian)**

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