



# BIO-CHEM CHEMICALS

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## CERTIFICATE OF ANALYSIS

<b>Product Name</b>	<b>MAGNESIUM NITRATE AR (HEXAHYDRATE)</b>
<b>CAS No.</b>	<b>13446-18-9</b>
<b>Code No.</b>	<b>B-01597</b>
<b>Batch No.</b>	<b>BC06240319</b>
<b>Mfg.Date</b>	<b>JUNE-2024</b>
<b>Date of Analysis</b>	<b>16/06/2024</b>
<b>Retest Date</b>	<b>MAY-2029</b>

TEST	SPECIFICATION	RESULT
Appearance	Colourless deliquescent crystal	Colourless deliquescent crystal
Assay (as Mg (NO <sub>3</sub> ) <sub>2</sub> ·6H <sub>2</sub> O)	98.0 - 102.0%	101.68%
pH (5% solution in water; 25°C)	5.0 - 8.2	5.9
Insoluble matter	Max 0.005%	0.0
Chloride (Cl)	Max 0.001%	0.0005%
Phosphate (PO <sub>4</sub> )	Max 0.0005%	0.0002%
Sulphate (SO <sub>4</sub> )	Max 0.005%	0.0002%
Ammonium (NH <sub>4</sub> )	Max 0.003%	0.001%
Barium (Ba)	Max 0.005%	0.004%
Calcium (Ca)	Max 0.01%	0.007%
Manganese (Mn)	Max 0.0005%	0.0003%
Potassium (K)	Max 0.005%	0.002%

REMARK: This product complies as per the specifications of **BIO-CHEM CHEMICALS**.

**This is an electronically generated certificate and is valid without a signature.**

For Issues relating to quality you may send us a mail on [info@biofinechemical.com](mailto:info@biofinechemical.com) or call on  
**+91-7404210730** Website- [www.biofinechemical.com](http://www.biofinechemical.com)