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CERTIFICATE OF ANALYSIS

Name of the Sample : Magnesium Nitrate 6H₂O AR
Batch No. : 225856
Date of Mfg : July 2022
Date of Expiry : June 2027
Register No. : 2022-23
Qty of Sample : 500gm
Date of Analysis : July 2022

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White crystalline powder deliquescent, soluble in water.
2.	Assay	99.16% Mg(NO ₃) ₂ ·6H ₂ O	Min.99.0%
3.	Water insoluble matter	0.0025%	Max.0.003%
4.	Chloride	0.0002%	Max.0.001%
5.	Phosphate	0.0005%	Max.0.0005%
6.	Sulphate	0.0004%	Max.0.002%
7.	Calcium	0.002%	Max.0.002%
8.	Iron	0.0001%	Max.0.0002%
9.	Lead	0.0001%	Max.0.0002%
10.	Potassium	0.0008%	Max.0.001%
11.	Sodium	0.0002%	Max.0.001%
12.	Zinc	0.0005%	Max.0.0005%

Chief Chemist