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CERTIFICATE OF ANALYSIS

PRODUCT NAME: Magnesium Chloride (hexahydrate)
PRODUCT NUMBER: M8160
BATCH NUMBER 719676
CAS NO: 7791-18-6
MW: 203.30
FORMULA : MgCl₂.6H₂O
MFG. DATE: SEPT-2022
EXP. DATE: AUG-2027

Type of Test	Standard	Result
Description	White crystalline powder	White crystalline powder
Assay	Min.99.0%	99.28%
Alcohol insoluble matter	Passes Test	Passes Test
Water insoluble matter	<0.003%	0.002%
pH of 5% solution	5.0-6.5	6
Nitrogen compounds (N)	<0.002%	<0.002%
Phosphate (PO ₄)	<0.0002%	<0.0002%
Sulphate (SO ₄)	<0.002%	0.001%
Arsenic (As)	<0.0001%	<0.0001%
Barium (Ba)	<0.005%	0.004%
Calcium (Ca)	<0.002%	<0.002%
Copper (Cu)	<0.0002%	0.0001%
Iron (Fe)	<0.0002%	0.0001%
Lead (Pb)	<0.0002%	<0.0002%
Manganese (Mn)	<0.0005%	0.0004%
Potassium (K)	<0.005%	0.004%
Sodium (Na)	<0.005%	<0.005%
Zinc (Zn)	<0.001%	0.0008%

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