

Chem-Impex International, Inc.

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Certificate of Analysis

Catalogue Number	01237
Lot Number	000331-32489
Product	Magnesium chloride hexahydrate

Magnesium chloride•6H₂O

CAS Number	7791-18-6
Molecular Formula	MgCl ₂ •6H ₂ O
Molecular Weight	203.3

Appearance	White crystals
Solubility	167 g in 100 mL water
Melting Point	115 °C (dec) (Approx.)
Heavy Metals	< 5 ppm (as Pb)
Anion	Nitrate (NO ₃ ⁻): < 0.001% Phosphate (PO ₄ ³⁻): < 5 ppm Sulfate (SO ₄ ²⁻): < 0.002%
Cation	Ammonium (NH ₄): < 0.002% Barium (Ba): < 0.001% Calcium (Ca): < 0.001% Manganese (Mn): 4 ppm Potassium (K): < 0.001% Sodium (Na): < 0.001% Strontium (Sr): < 0.001% Iron (Fe): < 5 ppm
Insoluble material	< 0.001%
Assay by titration	99.25%
Grade	ACS reagent
Application	Used in adjustment of ion strength.
Storage	Store at RT
Additional Information	Identification: Passes test

Certificate of Analysis

Catalog Number: 01237

Lot Number: 000331-32489

Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager