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Certificate of Analysis

Catalogue Number	30241
Lot Number	002154-2016-035
Product	Magnesium sulfate heptahydrate

Epsom salts

CAS Number	10034-99-8
Molecular Formula	MgSO ₄ •7H ₂ O
Molecular Weight	246.5

Appearance	White crystals
Solubility	Clear and colorless (10% in water)
Anion	Chloride (Cl ⁻): 0.0001% Nitrogen (N): < 0.002% Phosphate (PO ₄ ³⁻): < 0.001%
Cation	Arsenic (As): Not detected Copper (Cu): 0.000063% Calcium (Ca): 0.000256% Iron (Fe): 0.00008% Lead (Pb): Not detected Manganese (Mn): 0.00041% Potassium (K): 0.000776% Sodium (Na): 0.0008% Zinc (Zn): 0.000149%
Insoluble material	0.0026% (in Water)
Assay	99.81%
Grade	AR Grade
Application	Used in preparation of magnesium standard solutions
Storage	Store at RT

Certificate of Analysis

Catalog Number: 30241

Lot Number: 002154-2016-035

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