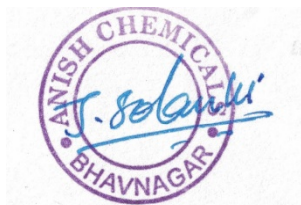


Certificate of Analysis

Product : MAGNESIUM CHLORIDE HEXAHYDRATE BP
 Batch No : MG/BP/2425/33
 Manufacture Month : October 2024
 Expiry : 5 Year from Mfg date
 Molecular Formula : $MgCl_2 \cdot 6H_2O$

Parameters	Specifications	Results
Identification	It gives reaction of Magnesium It gives reaction (a) of Chlorides It gives reaction of water	Complies
Appearance	Colourless Crystals, hygroscopic	Complies
Solubility	Very soluble in water, freely soluble in 96% ethanol	Complies
Acidity or Alkalinity	Max. 0.3 ml of 0.01M HCl/0.01 M NaOH to neutralize	0.10 ml of 0.01 M NaOH
Appearance of Solution	10.0 gm in 100.0 ml distilled water solution is clear and colourless	Clear and Colorless as per the test prescribed under BP
Bromides	Max. 500 ppm	Less than 150 ppm
Arsenic	Max. 2 ppm	Less than 1 ppm
Heavy Metals	Max 10 ppm	Less than 1 ppm
Iron	Max. 10 ppm	Less than 1 ppm
Sulphate	Max. 100 ppm	Less than 70 ppm
Calcium	Max. 0.1%	Less than 0.07 %
Potassium	Max. 500 ppm	Less than 200 ppm
Water determined on 50mg	51.0% to 55.0%	52.45 %
Aluminium	Max. 1 ppm	Nil
Assay	98.0 % to 101.0 %	99.79 %



Analytical Chemist