

## Magnesium Chloride BP Specification

| Sr.No | Test                        | Specification                                                   |
|-------|-----------------------------|-----------------------------------------------------------------|
| 1     | Description                 | Colourless crystals; hygroscopic.                               |
| 2     | Solubility                  | Very soluble in water; freely soluble in ethanol (96 per cent). |
| 3     | Identification by Chloride  | It gives reaction of Chloride.                                  |
| 4     | Identification by Magnesium | It gives reaction of Magnesium.                                 |
| 5     | Appearance of Solution      | Solution is clear and colourless.                               |
| 6     | Acidity or Alkalinity       | Passes test                                                     |
| 7     | Bromides                    | Not more than 500 ppm                                           |
| 8     | Sulfates                    | Not more than 100 ppm                                           |
| 9     | Aluminium                   | Not more than 1 ppm                                             |
| 10    | Calcium                     | Not more than 0.1%                                              |
| 11    | Iron                        | Not more than 10 ppm                                            |
| 12    | Potassium                   | Not more than 500 ppm                                           |
| 13    | Water                       | 51.00% to 55.00%                                                |
| 14    | Assay                       | Not less than 98.00% and not more than 101.00%                  |