

# Technical Specification

**PRODUCT : Magnesium nitrate hexahydrate RPE - For analysis - ACS - Reag. Ph.Eur. - Reag. USP**

**CODE : 459530**

**MOLECULAR WEIGHT :256,41**

**CAS N° : 13446-18-9**

**FORMULA : Mg(NO3)2.6H2O**

| TEST                  | U.M. | SPECIFICATION   |
|-----------------------|------|-----------------|
| Description           | -    | w hite crystals |
| Identification        | -    | Positive        |
| pH sol. 5% at 25°C    | -    | 5.0 - 8.2       |
| Insoluble in w ater   | ppm  | <= 50           |
| Ammonium              | ppm  | <= 30           |
| Chloride              | ppm  | <= 10           |
| Phosphate             | ppm  | <= 5            |
| Sulfate               | ppm  | <= 50           |
| Heavy metals (as Pb)  | ppm  | <= 5            |
| Ba                    | ppm  | <= 50           |
| Ca                    | ppm  | <= 100          |
| Fe                    | ppm  | <= 5            |
| K                     | ppm  | <= 50           |
| Mn                    | ppm  | <= 5            |
| Na                    | ppm  | <= 50           |
| Sr                    | ppm  | <= 50           |
| Assay (complexometry) | %    | 98.0 - 102.0    |

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.  
 CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of in