

**Magnesium Chloride Hexahydrate, AR.**

|                                      |            |               |        |                   |
|--------------------------------------|------------|---------------|--------|-------------------|
| MgCl <sub>2</sub> ·6H <sub>2</sub> O | FW. 203.30 | Density       | = 1.57 | g/cm <sup>3</sup> |
| CAS-No.                              | 7791-18-6  | Melting Point | ~ 117  | °C                |
| Code                                 | AR1242     |               |        |                   |

**Specifications**

|                              |           |      |
|------------------------------|-----------|------|
| Assay                        | 98.0%     | min. |
| pH of 5% water (25°C)        | 5.0 - 6.5 |      |
| Insoluble in water           | 0.005%    | max. |
| Total Nitrogen (N)           | 0.005%    | max. |
| Phosphate (PO <sub>4</sub> ) | 0.001%    | max. |
| Sulfate (SO <sub>4</sub> )   | 0.005%    | max. |
| Heavy metals (as Pb)         | 0.0005%   | max. |
| Barium (Ba)                  | 0.005%    | max. |
| Calcium (Ca)                 | 0.05%     | max. |
| Iron (Fe)                    | 0.0005%   | max. |

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