

**QUALITY CERTIFICATE**

Product name: MAGNESIUM SULFATE HEPTAHYDRATE  
Quality: Ph.Eur.11.0.  
Package: 1000 g  
Formula:  $MgSO_4 \cdot 7H_2O$   
Rel. mol. weight: 246,48  
Lot No.: GF0158098  
Manufacturing date: 10.2022.  
Expiry date: 31.08.2027. (DMY)  
Anal. No.: 15692H58098

|                         | <b>REQUIRED</b>  | <b>MEASURED</b>  |
|-------------------------|--|--|
| Appearance:             | white or almost white crystalline powder or colourless crystals  | colourless crystals  |
| Assay (dry substance)   | 99,0-100,5 %   | 99,50 %  |
| Solubility              | soluble in water, practically insoluble in ethanol (96 per cent) | soluble in water, practically insoluble in ethanol (96 per cent) |
| Identification test 'A' | identical  | identical  |
| Identification test 'B' | identical  | identical  |
| Appearance of solution  | passes test  | passes test  |
| Alkalinity, acidity     | passes test  | passes test  |
| Chloride                | max.300 ppm  | <300 ppm   |
| Iron (Fe)               | max.20 ppm   | <20 ppm  |
| Loss on drying          | 48,0-52,0 %  | 50,62 %  |

**The Product complies with the requirements of Ph.Eur.11.0.**

Kiállítva: Halásztelek, 2023.08.15.

  
Nagy Balázs

minőségbiztosítási vezető

**Molar Chemicals Kft.**  
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