

Magnesium Chloride, 6-Hydrate, Crystal
AR® (ACS)



Material No.: 5958-04
Batch No.: 0000180409
Manufactured Date: 2017/05/05
Retest Date: 2024/05/03

Certificate of Analysis

Meets ACS Reagent Chemical Requirements,

| Test | Specification | Result |
|---|------------------|-----------|
| ACS – Assay ($\text{MgCl}_2 \cdot 6\text{H}_2\text{O}$) | 99.0 – 102.0 % | 99.0 |
| ACS – Ammonium (NH_4) | ≤ 0.001 % | < 0.001 |
| ACS – Barium (Ba) | ≤ 0.005 % | 0.005 |
| ACS – Calcium (Ca) | ≤ 0.01 % | 0.01 |
| ACS – Heavy Metals (as Pb) | ≤ 5 ppm | 3 |
| ACS – Insoluble Matter | ≤ 0.005 % | 0.003 |
| ACS – Iron (Fe) | ≤ 5 ppm | 3 |
| ACS – Manganese (Mn) | ≤ 5.000 ppm | 2.000 |
| ACS – Nitrate (NO_3) | ≤ 0.001 % | 0.001 |
| ACS – pH of 5% Solution | 4.5 – 7.0 | 6.0 |
| ACS – Phosphate (PO_4) | ≤ 5 ppm | 3 |
| ACS – Potassium (K) | ≤ 0.005 % | < 0.001 |
| ACS – Sodium (Na) | ≤ 0.005 % | 0.002 |
| ACS – Strontium (Sr) | ≤ 0.005 % | < 0.001 |
| ACS – Sulfate (SO_4) | ≤ 0.002 % | 0.001 |

For Laboratory, Research or Manufacturing Use

The net weight of the product in each container is within $\pm 2\%$ of the netweight stated on the label.

Country of Origin: MX

Packaging Site: Paris Mfg Ctr & DC



Phillipsburg, NJ 9001:2008, 14001:2004, FSSC 22000
Paris, KY 9001:2008
Mexico City, Mexico 9001:2008
Deventer, The Netherlands 9001:2008, 14001:2004, 13485:2003
Gliwice, Poland 9001:2008, 13485:2012
Selangor, Malaysia 9001:2008
Dehradun, India, 9001:2008, 14001:2004, 13485:2003
Mumbai, India, 9001:2008
Panoli, India 9001:2008


Jamie Ethier
Vice President Global Quality

For questions on this Certificate of Analysis please contact Technical Services at 855.282.6867 or +1.610.573.2600
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