

# *Chem-Impex International, Inc.*

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825 Dillon Drive

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## *Certificate of Analysis*

|                          |                                     |
|--------------------------|-------------------------------------|
| <b>Catalogue Number</b>  | 06808                               |
| <b>Product</b>           | <b>Magnesium sulfate, anhydrous</b> |
| <b>Lot Number</b>        | 000023-20409                        |
| <b>CAS Number</b>        | 7487-88-9                           |
| <b>Molecular Formula</b> | MgO <sub>4</sub> S                  |
| <b>Molecular Weight</b>  | 120.4                               |

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|                                    |   |
|------------------------------------|---|
| <b>Appearance</b>                  | White powder  |
| <b>Heavy Metals</b>                | 0.0003% (as Pb)   |
| <b>Anion</b>                       | Chloride (Cl <sup>-</sup> ) = 0.0002%<br>Nitrate (NO <sub>3</sub> <sup>-</sup> ) = 0.0003%  |
| <b>Cation</b>                      | Arsenic (As) = 0.2 ppm<br>Manganese (Mn) = 0.0002%<br>Selenium (Se) = Not present<br>Calcium (Ca) = 0.01%<br>Iron (Fe) = 0.0002%<br>Ammonium (NH <sub>4</sub> <sup>+</sup> ) = 0.001% |
| <b>pH</b>                          | 8.2   |
| <b>Mesh Size</b>                   | Pass through 50 mesh  |
| <b>Organic Volatile Impurities</b> | Passes test   |
| <b>Residue On Ignition</b>         | 0.06%   |
| <b>Assay</b>                       | 100.2%  |
| <b>Storage</b>                     | Store at RT   |

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**Remarks**

See material safety data sheet for additional information

For laboratory use only

**The foregoing is a copy of the Certificate of Analysis as provided by our supplier**



**Bala Kumar**  
**Quality Control Manager**