

# *Chem-Impex International, Inc.*

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## *Product Specifications*

# MgSO<sub>4</sub>

<b>Catalogue Number</b>	06808
<b>Product</b>	<b>Magnesium sulfate, anhydrous</b>
<b>CAS Number</b>	7487-88-9
<b>Molecular Formula</b>	MgSO <sub>4</sub>
<b>Molecular Weight</b>	120.4

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<b>Appearance</b>	White powder
<b>Heavy Metals</b>	≤ 10 ppm
<b>Anion</b>	Chloride (Cl) : ≤ 0.014%
<b>Cation</b>	Selenium (Se) : ≤ 30 µg/g Iron (Fe) : ≤ 20 µg/g
<b>pH</b>	5.0 - 9.2
<b>Loss on Drying</b>	≤ 2% (105 °C, 2h)
<b>Assay by titration</b>	99.0 - 100.5% (anhydrous by ignition basis)
<b>Grade</b>	Meets USP Specification
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Identification : Test for magnesium and sulfate : To pass test Loss on ignition : 22 - 28%

**For Laboratory Use Only**