

# *Chem-Impex International, Inc.*

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## *Certificate of Analysis*

<b>Catalogue Number</b>	01271
<b>Product</b>	<b>Zinc sulfate heptahydrate</b>
<b>Lot Number</b>	000331-34557
	Zinc sulfate•7H <sub>2</sub> O
<b>CAS Number</b>	7446-20-0
<b>Molecular Formula</b>	ZnSO <sub>4</sub> •7H <sub>2</sub> O
<b>Molecular Weight</b>	287.5

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<b>Appearance</b>	White crystals
<b>Solubility</b>	96 g in 100 mL water at 20 °C
<b>Melting Point</b>	40 °C (Approx.)
<b>Anion</b>	Chloride (Cl <sup>-</sup> ): < 5 ppm Nitrate (NO <sub>3</sub> <sup>-</sup> ): < 0.002%
<b>Cation</b>	Calcium (Ca): < 0.001% Iron (Fe): < 0.0002% Lead (Pb): < 0.003% Magnesium (Mg): 0.001% Manganese (Mn): 1 ppm Potassium (K): < 0.002% Sodium (Na): < 0.002% Ammonium (NH <sub>4</sub> ): < 0.001%
<b>pH</b>	5.7 (5% solution)
<b>Insoluble material</b>	0.003%
<b>Assay by titration</b>	100.3%
<b>Grade</b>	ACS reagent
<b>Application</b>	Preparation of complexometric titrant.
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Dehydrates completely at 200 °C.

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Catalog Number: 01271

Lot Number: 000331-34557

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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**