

# Chem-Impex International, Inc.

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## Certificate of Analysis

<b>Catalogue Number</b>	24753
<b>Product</b>	<b>Magnesium glycerophosphate hydrate</b>
<b>Lot Number</b>	002134-0050124
<b>CAS Number</b>	927-20-8
<b>Molecular Formula</b>	$C_3H_7MgO_6P \cdot xH_2O$
<b>Molecular Weight</b>	194.36

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<b>Appearance</b>	White colored powder Hygroscopic!
<b>Appearance of Solution</b>	Solution is not more opalescent than reference suspension.
<b>Solubility</b>	Practically insoluble in alcohol and dissolves in dilute solution of acids.
<b>Heavy Metals</b>	< 20 ppm
<b>Anion</b>	Chloride (Cl) : < 0.15% Phosphate (PO <sub>4</sub> ) : < 0.5% Sulfate (SO <sub>4</sub> ) : < 0.1%
<b>Cation</b>	Iron (Fe) : < 150 ppm
<b>Acidity</b>	Passes test
<b>Yeast and Mold</b>	< 1000 cfu/g
<b>Loss on Drying</b>	5.96% (150 °C for 4 h)
<b>Microbial Count</b>	< 10000 cfu/g (TPC)
<b>Assay</b>	12.06% (Content of Mg on dried basis)
<b>Storage</b>	Store at RT
<b>Additional Information</b>	Glycerol and ethanol 96% soluble substances : 0.34%
<b>Remarks</b>	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