

# Chem-Impex International, Inc.

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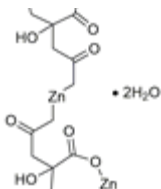
Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191

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## Product Specifications

<b>Catalogue Number</b>	37014
<b>Product</b>	<b>Zinc citrate dihydrate, Microbial tested, Aerobic plate count: <math>\leq 10^3</math> cfu/g, Yeast and Mold count: <math>\leq 10^2</math> cfu/g, Total Coliforms: Negative</b>
	Citric acid zinc salt dihydrate Zinc citrate tribasic dihydrate
<b>CAS Number</b>	546-46-3
<b>Molecular Formula</b>	$Zn_3(C_6H_5O_7)_2 \cdot 2H_2O$
<b>Molecular Weight</b>	610.36
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<b>Appearance</b>	White fine powder
<b>Anion</b>	Chloride (Cl <sup>-</sup> ) : $\leq 0.05\%$ Sulphate (SO <sub>4</sub> <sup>2-</sup> ) : $\leq 0.05\%$
<b>Cation</b>	Arsenic (As) : $\leq 1$ ppm, Cadmium (Cd) : $\leq 1$ ppm Lead (Pb) : $\leq 5$ ppm, Mercury (Hg) : $\leq 0.1$ ppm
<b>Loss on Drying</b>	$\leq 1.0\%$
<b>Identification</b>	Test A and B: To pass test
<b>Microbial test</b>	Aerobic Plate Count: $< 1000$ cfu/g Yeast and Mold Count: $< 100$ cfu/g Total Coliforms: Negative E. Coli: Negative
<b>Assay</b>	$\geq 31.30\%$ (as Zn)
<b>Grade</b>	Meets USP specification, Low Heavy Metal powder
<b>Storage</b>	Store at RT

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**For Laboratory Use Only**