



American International Chemical, Inc.

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SPECIFICATION SHEET

ZINC OROTATE DIHYDRATE

Code No.	SCN No.	CAS No.	Effective Date	Product Manager	Rev. No.	Approved By
ZORAUP	1450	60388-02-5	July 29, 2010	SDM	Original	DCS

CHARACTERISTICS:	White to off-white powder. Very slightly soluble in water, practically insoluble in 96% ethanol and in methanol.
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SPECIFICATIONS:	Assay (zinc content)	15.1-16.7%
	Cadmium	5 ppm max
	Arsenic	3 ppm max
	Lead	10 ppm max
	Mercury	1 ppm max
	Total plate count	3000 cfu/g max
	Yeast and mold	300 cfu/g max
	Salmonella	Negative/25g
Escherichia coliform	Negative/g	

MOLECULAR FORMULA:	$C_{10}H_6N_4O_8Zn \cdot 2 H_2O$
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MOLECULAR WEIGHT:	411.60
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STOCKING POINTS:	No currently stocked; FOB Salt Lake City, UT
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PACKAGING:	25 kg PE lined cartons; 27 cartons per pallet
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APPLICATIONS:	Nutritional food supplements.
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SHELF LIFE AND STORAGE INSTRUCTIONS:	Material should be re-tested against the certificate of analysis four years from the date of manufacture. Store in original air tight container in a cool, dry environment at 25 to 30°C.
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OTHER:	Manufactured in the USA. Manufacturing facility is NSF GMP certified under NSF/ ANSI Standard 173, Section 8 for Dietary Supplements.
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