



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-279182
Lot Number: SAMPLE
Product Name: Gluconic acid zinc (II) salt
CAS Number: 4468-02-4
Molecular Formula: $C_{12}H_{22}O_{14}Zn$
Molecular Weight: 455.70

Test	Specification	Result
Appearance	Colourless crystals to white crystalline powder	White crystalline powder
Identification		Complies
Purity	97.0 - 102.0% (anhydrous basis)	98.7%
pH	5.5 - 7.5 (1% in water)	5.6
Solubility	Clear, colourless solution	Complies
Organic Impurities	$\leq 1.0\%$	Complies
Arsenic	≤ 2 ppm	1.1 ppm
Cadmium	≤ 1 ppm	Complies
Chloride	$\leq 0.05\%$	0.03%
Lead	≤ 5 ppm	1.3 ppm
Mercury	≤ 1 ppm	Complies
Sulfate	$\leq 0.05\%$	0.03%
Water Content	$\leq 11.6\%$	9.8%
Zinc	12.90 - 13.56% (as hydrate)	13.13%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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