

## Certificate of Analysis

Date of Testing:	2023-02-16 19:10:11
Date of Next Testing:	2027-02-15 19:10:11
Product Name:	<b>Zinc carbonate basic</b>
CAS Number:	5263-02-5
Specifications & Purity:	Analytical Reagent
Lot #:	B2307743
SKU #	<b>Z112907</b>
<b>Analysis:</b>	<b>170019</b>
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Calcium(Ca)	0-5000 (ppm)	12.36 ppm
Lead (ICP)	0-50 (ppm)	5.63 ppm
Nickel(ICP)	0-50 (ppm)	3.68 ppm
Potassium by ICP	0-200 (ppm)	7.52 ppm
Sodium(Na)	0-1000 (µg/g)	3.58 µg/g
Total sulfur as SO4 (ICP)	0-250 (ppm)	8.63 ppm
Iron(ICP)	0-200 (ppm)	4.63 ppm
Chloride (Cl-)	0-500 (ppm)	14.25 ppm
Copper(ICP)	0-50 (ppm)	7.62 ppm
Cadmium(Cd)	0-50 (ppm)	2.53 ppm
Cobalt(ICP)	0-50 (ppm)	4.62 ppm
Assay(Titration (KT) EDTA 0.1M)(Zn)	≥58 (%)	62.74%
Appearance (Z112907)	Colorless or White Powder	Colorless or White Powder
metal trace analysis (icp)	corresponds to requirements	CORRESPONDS TO REQUIREMENTS
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager