

Certificate of Analysis

Date of Testing: 2023-11-10 16:59:28
Date of Next Testing: 2027-11-09 16:59:28
Product Name: **Zinc carbonate basic**
CAS Number: 5263-02-5
Specifications & Purity: Analytical Reagent
Lot #: K2309294
SKU #: **Z112907**
Analysis: 287388
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Calcium(Ca)	0-5000 (ppm)	23.50 ppm
Lead (ICP)	0-50 (ppm)	3.85 ppm
Nickel(ICP)	0-50 (ppm)	5.18 ppm
Potassium by ICP	0-200 (ppm)	12.80 ppm
Sodium(Na)	0-1000 (µg/g)	13.80 µg/g
Total sulfur as SO4 (ICP)	0-250 (ppm)	11.48 ppm
Iron(ICP)	0-200 (ppm)	32.50 ppm
Chloride (Cl-)	0-500 (ppm)	12.42 ppm
Copper(ICP)	0-50 (ppm)	2.67 ppm
Cadmium(Cd)	0-50 (ppm)	2.16 ppm
Cobalt(ICP)	0-50 (ppm)	3.08 ppm
Assay(Titration (KT) EDTA 0.1M)(Zn)	≥58 (%)	58.57 %
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



ALADDIN SCIENTIFIC CORPORATION

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A handwritten signature in black ink that reads "John Su". The signature is written in a cursive, flowing style.

John Su
QA & QC Manager