

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-10-23 16:18:55

Date of Next Testing: 2029-10-22 16:18:55

Product Name: **Zinc oxide**

CAS Number: 1314-13-2

Specifications & Purity: AR, ≥99%

Lot #: J2515558

SKU #: **Z111836**

Version: **3**

Analysis #: **533314**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Manganese(Mn)	0-0.0005 (%)	0.00000 %
Insoluble in sulfuric acid	0-0.01 (%)	0.00000 %
(As)Arsenic	0-0.00005 (%)	0.00000 %
Iron(Fe)	0-0.0005 (%)	0.00050 %
Assay(Complexometric EDTA)	98.5-102.5(%)	101.21000 %
Sodium(Na)	0-0.05 (%)	0.00000 %
Magnesium(Mg)	0-0.005 (%)	0.00000 %
Potassium(K)	0-0.01 (%)	0.00100 %
Calcium(Ca)	0-0.005 (%)	0.00230 %
Reduction of potassium permanganate substance(Oxygen)	0-0.002 (%)	0.00000 %
Clarity test/NO.	≤3	3.00000
(NO3)Nitrate	0-0.003 (%)	0.00300 %
Sulfate(SO42-)	0-0.01 (%)	0.01000 %
Lead(Pb)	0-0.005 (%)	0.00500 %
Chloride	0-0.001 (%)	0.00000 %
Appearance (Z111836)	White to Light Yellow Crystalline Powder	White to light yellow crystalline powder
Free alkali	pass	Pass
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



QualityAssurance@aladdinsci.com

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

John Su
QA & QC Manager