

ALADDIN SCIENTIFIC CORPORATION  
 14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-26 16:50:19  
 Date of Next Testing: 2029-07-25 16:50:19  
 Product Name: **Zinc oxide**  
 CAS Number: 1314-13-2  
 Specifications & Purity: AR, ≥99%  
 Lot #: G2525513  
 SKU #: **Z111836**  
 Version: **3**  
 Analysis #: **533314**

Parameter	Limit Values	Result
Manganese(Mn)	0-0.0005 (%)	0.00 %
Insolubhe in sulfuric acid	0-0.01 (%)	0.00 %
(As)Arsenic	0-0.00005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Assay(Complexometric EDTA)	98.5-102.5(%)	101.21 %
Sodium(Na)	0-0.05 (%)	0.00 %
Magnesium(Mg)	0-0.005 (%)	0.00 %
Potassium(K)	0-0.01 (%)	0.00 %
Calcium(Ca)	0-0.005 (%)	0.00 %
Reduction of potassium permanganate substance(Oxygen)	0-0.002 (%)	0.00000 %
Clarity test/NO.	≤3	3.00000
(NO3)Nitrate	0-0.003 (%)	0.00 %
Sulfate(SO42-)	0-0.01 (%)	0.01 %
Lead(Pb)	0-0.005 (%)	0.01 %
Chloride	0-0.001 (%)	0.00 %
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



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

John Su  
QA & QC Manager