

Certificate of Analysis

Date of Testing: 2024-12-03 09:19:47

Date of Next Testing: 2028-12-02 09:19:47

Product Name: **Zinc oxide**

CAS Number: 1314-13-2

Specifications & Purity: AR, ≥99%

Lot #: K2429431

SKU #: **Z111836**

Version **3**

Analysis #: **421489**

Parameter	Limit Values	Result
Manganese(Mn)	0-0.0005 (%)	0.00 %
Insolubhe in sulfuric acid	0-0.01 (%)	0.00 %
Lead(Pb)	0-0.005 (%)	0.00 %
(As)Arsenic	0-0.00005 (%)	0.00 %
Iron(Fe)	0-0.0005 (%)	0.00 %
Assay(Complexometric EDTA)	98.5-102.5(%)	100.63 %
(NO3)Nitrate	0-0.003 (%)	0.00 %
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
Sulfate(SO42-)	0-0.01 (%)	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



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