

## Certificate of Analysis

Date of Testing: 2022-10-20 19:09:52  
 Date of Next Testing: 2026-10-19 19:09:52  
 Product Name: **Zinc oxide**  
 CAS Number: 1314-13-2  
 Specifications & Purity: Ph. Eur., BP, USP, 99-100.5% (calc. for dried substance)  
 Lot #: J2218121  
 SKU #: **Z111843**  
**Analysis: 120965**

Parameter	Limit Values	Result
Iron(Fe)	0-10 (ppm)	0.00 ppm
Cadmium(Cd)	0-10 (ppm)	2.00 ppm
loss on Ignition	0-1 (%)	0.50 %
(Pb)Lead	0-50 (ppm)	9.00 ppm
Chloride (Cl-)	0-50 (ppm)	23.40 ppm
(As)Arsenic	0-3 (ppm)	0.00 ppm
Sulfate(SO42-)	0-500 (ppm)	112.00 ppm
KMnO4-reducing matter (as O)	0-0.005 (%)	0.00 %
Assay(dry basis)	99-100.5 (%)	100.46 %
alkalic reac. Impurities	complies	complies
carbonate and in acis insoluble substances	complies	complies
iron and other heavy metals	complies	complies
Suitability,complies for carbonate and color of the solution	complies for carbonate and color of the solution	complies for carbonate and color of the solution
Total impurities residual solvents	complies	complies
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



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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