

## Certificate of Analysis

Date of Testing: 2024-11-07 15:37:04  
Date of Next Testing: 2028-11-06 15:37:04  
Product Name: **Zinc iron oxide**  
CAS Number: 12063-19-3  
Specifications & Purity:  $\geq 99\%$  metals basis,  $\leq 100\text{nm}$   
Lot #: K2401596  
SKU #: **Z107248**  
Version: **1**  
Analysis #: **415351**

Parameter	Limit Values	Result
Particle size	0-100 (nm)	17.73 nm
Purity(Based On Trace Metals Analysis)	99-100 (%)	99.01%
Total Metallic Impuritie	0-10000 (ppm)	9900.00 ppm
Appearance (Z107248)	Brown and red and brown-red powder	Brown and red and brown-red powder
ICP: Confirms Zn and Fe Components	Confirmed	Confirmed
X-Ray Diffraction	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager