

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-07-08 09:40:46  
 Date of Next Testing: 2029-07-07 09:40:46  
 Product Name: **Zinc iron oxide**  
 CAS Number: 12063-19-3  
 Specifications & Purity:  $\geq 97\%$  metals basis,  $\leq 100\text{nm}$   
 Lot #: G2507768  
 SKU #: **Z492240**  
 Version: **2**  
 Analysis #: **518185**  
 Storage Temperature: Room temperature

| Parameter                              | Limit Values                       | Result                             |
|----------------------------------------|------------------------------------|------------------------------------|
| Total Metallic Impuritie               | 0-30000 (ppm)                      | 23876.00000 ppm                    |
| Purity(Based On Trace Metals Analysis) | 97-100 (%)                         | 97.61240 %                         |
| Particle size                          | 0-100 (nm)                         | 29.29000 nm                        |
| Appearance(Z492240)                    | 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