

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-10 08:32:05

Date of Next Testing: 2029-10-09 08:32:05

Product Name: **Zinc iron oxide**

CAS Number: 12063-19-3

Specifications & Purity:  $\geq 99\%$  metals basis,  $\leq 100\text{nm}$

Lot #: J2509471

SKU #: **Z107248**

Version: **2**

Analysis #: **415351**

Storage Temperature: Room temperature

| Parameter                              | Limit Values                       | Result                             |
|----------------------------------------|------------------------------------|------------------------------------|
| Particle size                          | 0-100 (nm)                         | 17.73000 nm                        |
| Purity(Based On Trace Metals Analysis) | 99-100 (%)                         | 99.01000 %                         |
| Total Metallic Impuritie               | 0-10000 (ppm)                      | 9900.00000 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