

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-11-27 16:54:18

Date of Next Testing: 2029-11-26 16:54:18

Product Name: **Zinc iron oxide**

CAS Number: 12063-19-3

Specifications & Purity:  $\geq 97\%$  metals basis,  $\leq 100\text{nm}$

Lot #: K2521533

SKU #: **Z492240**

Version: **2**

Analysis #: **614375**

Storage Temperature: Room temperature

| Parameter                              | Limit Values                                  | Result                                        |
|----------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Total Metallic Impuritie               | 0-30000 (ppm)                                 | 19285.00 ppm                                  |
| Purity(Based On Trace Metals Analysis) | 97-100 (%)                                    | 98.07 %                                       |
| Particle size                          | 0-100 (nm)                                    | 26.94 nm                                      |
| Appearance(Z492240)                    | Brown and red and brown-red powder to granule | Brown and red and brown-red powder to granule |
| ICP: Confirms Zn and Fe Components     | Confirmed                                     | Confirmed                                     |
| X-Ray Diffraction                      | Conforms to Structure                         | Conforms to Structure                         |



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QA & QC Manager