

Shanghai Aladdin Biochemical Technology Co., LTD  
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

## Certificate of Analysis

Date of Testing: 2026-04-29 19:03:18  
Date of Next Testing: 2030-04-28 19:03:18  
Product Name: **Ferric oxide**  
CAS Number: 1309-37-1  
Specifications & Purity:  $\geq 99.9\%$  metals basis  
Lot #: D2627178  
SKU #: **F108908**  
Version: **0**  
Analysis #: **695433**  
Storage Temperature: Room temperature

| Parameter                                                       | Limit Values                                    | Result                                          |
|-----------------------------------------------------------------|-------------------------------------------------|-------------------------------------------------|
| Total Metallic Impurities                                       | 0-1000 (ppm)                                    | 656.00000 ppm                                   |
| Purity(Based On Trace Metals Analysis)                          | 99.9-100 (%)                                    | 99.93440 %                                      |
| Fe(Titration by Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub> ) | 68.5-71.4 (%)                                   | 69.83600 %                                      |
| Appearance (F108908)                                            | Red to deep red to brown-orange powder,crystals | Red to deep red to brown-orange powder,crystals |
| ICP: Confirms Iron Component                                    | Confirmed                                       | Confirmed                                       |
| X-Ray Diffraction                                               | Conforms to Structure                           | Conforms to Structure                           |

