

CERTIFICATE OF ANALYSIS: 202408230259

| | | | |
|-----------------|-----------------|-------------|---------------|
| Material Grade | Fe Powder | Product No. | Fe-C-0406 |
| Production Date | 2025-08-13 | Order No. | KRM-250713 |
| Lot No. | 20250813-06 | Quantity | 100 kg |
| Process | Carbonyl Method | Powder Size | D50=4.5-6.5um |

Chemical Compositions / wt%

| Element | Specification | Tested |
|---------|---------------|--------|
| Fe | Bal. | Bal. |
| C | <0.03 | 0.023 |
| O | <0.3 | 0.16 |

Standards: GB/T 14265, GB/T 23942

Powder Property

| Particle Size Distribution | D10/um | D50/um | D90/um | Standards |
|---------------------------------------|---------------|-------------|----------|-------------|
| Specification | 3.0-4.0 | 4.5-6.5 | 9.0-11.0 | GB/T 19077 |
| Tested | 3.54 | 5.79 | 10.16 | |
| Apparent density (g/cm ³) | Spec. 2.0-3.5 | Tested 2.84 | | GB/T 1479.1 |
| Tap density (g/cm ³) | Spec. 4.0-4.4 | Tested 4.23 | | GB/T 1479.1 |

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y. Tang

Approval: A. Xiao

Date: 2024-08-23

唐彦
肖爽怀