

**CERTIFICATE OF ANALYSIS: 202405270061**

|                |                   |             |              |
|----------------|-------------------|-------------|--------------|
| Material Grade | FeCoNiCrMn Powder | Product No. | H0002-0025   |
| Customer No.   | CAC               | Order No.   | CAC-240506   |
| Lot No.        | 20230825-03       | Quantity    | 10 kg        |
| Process        | Gas Atomizing     | Powder Size | 0-25 $\mu$ m |

**Chemical Compositions / wt%**

| Element | Specification | Tested |
|---------|---------------|--------|
| Fe      | Bal.          | Bal.   |
| Co      | 20.0-22.0     | 20.82  |
| Ni      | 19.9-21.9     | 21.38  |
| Cr      | 17.5-19.5,    | 18.53  |
| Mn      | 18.1-21.1     | 19.88  |
| C       | /             | 0.018  |
| O       | /             | 0.099  |
| N       | /             | 0.044  |
| S       | /             | 0.087  |

Standards: GB/T 14265, GB/T 23942

**Particle Size Distribution**

| Laser Diffraction Analysis | D10/ $\mu$ m | D50/ $\mu$ m | D90/ $\mu$ m | Standards  |
|----------------------------|--------------|--------------|--------------|------------|
|                            | 5.35         | 12.8         | 24.6         | GB/T 19077 |

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y.Tang

Approval: L.Zhang

Date: 2024-05-27