

CERTIFICATE OF ANALYSIS: 202501240007

Material Grade	430 Powder	Product No.	F0430-G-45150
Production Date	2025-01-17	Order No.	KRA-250109
Lot No.	20250117-01	Quantity	100 kg
Process	Gas Atomizing	Powder Size	45-150µm

Chemical Compositions / wt%

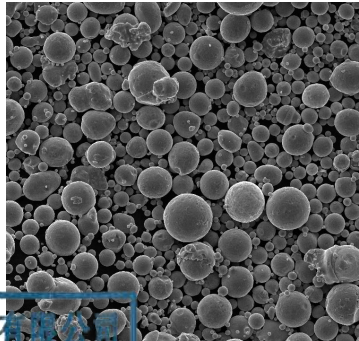
Element	Specification	Tested
Cr	16.0-18.0	17.35
C	0.08 max.	0.019
Si	1.0 max.	0.53
Mn	1.0 max.	0.97
S	0.02 max.	0.006
P	0.04 max.	0.011
O	/	0.042
Fe	Bal	Bal

Standards: GB/T 14265, GB/T 23942

Powder Property

Particle Size Distribution	D10/um	D50/um	D90/um	Standards
(laser diffraction analysis)	58.8	103.0	159.6	GB/T 19077
Flowability (s/50g)		19.65		GB/T 1482
Apparent density (g/cm ³)		4.06		GB/T 1479.1
Tap density (g/cm ³)		4.55		GB/T 5162

Test condition: Temperature 25° C, Humidity 40%

SEM Photo:

Judgement: Pass



Check: Y.Tang

Approval: L. Zhang

Date: 2025-01-24