

**CERTIFICATE OF ANALYSIS: 202408230050**

Material Grade	316H Powder	Product No.	F0316H-0045
Customer No.	CAF	Order No.	CAF-240816
Lot No.	20240820-01	Quantity	20 kg
Process	Vacuum Gas Atomizing	Powder Size	0-45µm

**Chemical Compositions / wt%**

Element	Specification	Tested
Fe	Bal	Bal
Ni	10.0-14.0	12.41
Cr	16.0-18.0	16.29
Mo	2.0-3.0	2.74
Si	0.75 max.	0.46
Mn	2.0 max.	0.69
C	0.04-0.10	0.059
S	0.03 max.	0.002
P	0.045 max.	0.005
O	/	0.0318

Standards: GB/T 14265, GB/T 23942

**Powder Property**

Particle Size Distribution	D10/um	D50/um	D90/um	Standards
(laser diffraction analysis)	8.29	23.78	44.91	GB/T 19077
Apparent density (g/cm <sup>3</sup> )	4.48			GB/T 1479.1
Tap density (g/cm <sup>3</sup> )	4.89			GB/T 5162

Test condition: Temperature 25° C, Humidity 40%

Judgement



Pass

Check: Y.Tang

Approval: L.Zhang

Date: 2024-08-23