

CERTIFICATE OF ANALYSIS: 202404180026

Material Grade	Hastelloy B Powder	Product No.	NAMHB-3050
Customer No.	ILB	Order No.	ILB-240410
Lot No.	20231209-01	Quantity	5 kg
Process	Gas Atomizing	Powder Size	30-50µm

Chemical Compositions / wt%

Element	Specification	Tested
Ni	Bal	Bal
Mo	27.0-32.0	29.6
Fe	1.0-3.0	1.37
Cr	1.0-3.0	1.38
Mn	1.0 max.	0.37
C	0.3 max.	0.01
W	1.0 max.	0.36
Others total	1.5 max.	1.0
O	/	0.0665

Standards: GB/T 14265, GB/T 23942

Powder Property

Particle Size Distribution (laser diffraction analysis)	D10/um	D50/um	D90/um	Standards
	27.1	39.6	49.7	GB/T 19077
Flowability (s/50g)		13.1		GB/T 1482
Apparent density (g/cm ³)		5.15		GB/T 1479.1

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y.Tang

Approval: L.Zhang

Date: 2024-04-18