

**CERTIFICATE OF ANALYSIS: 202404180027**

Material Grade	Hastelloy B Powder	Product No.	NAMHB-50100
Customer No.	ILB	Order No.	ILB-240410
Lot No.	20231209-02	Quantity	5 kg
Process	Gas Atomizing	Powder Size	50-100µm

**Chemical Compositions / wt%**

Element	Specification	Tested
Ni	Bal	Bal
Mo	27.0-32.0	29.8
Fe	1.0-3.0	1.53
Cr	1.0-3.0	1.29
Mn	1.0 max.	0.27
C	0.3 max.	0.0204
W	1.0 max.	0.34
Others total	1.5 max.	1.0
O	/	0.0461

Standards: GB/T 14265, GB/T 23942

**Powder Property**

Particle Size Distribution (laser diffraction analysis)	D10/um	D50/um	D90/um	Standards
	49.7	68.9	98.3	GB/T 19077
Flowability (s/50g)		12.5		GB/T 1482
Apparent density (g/cm <sup>3</sup> )		5.3		GB/T 1479.1

Test condition: Temperature 25° C, Humidity 40%

**Judgement: Pass**

Check: Y.Tang

Approval: L.Zhang

Date: 2024-04-18