

CERTIFICATE OF ANALYSIS: 202403220128

Material Grade	Invar 36 Powder	Product No.	F0036-G-0020
Production Date	2024-03-11	Order No.	CNV-240212
Lot No.	20240311-02	Quantity	500 kg
Process	Gas Atomizing	Powder Size	0-20 μ m

Chemical Compositions / wt%

Element	Specification	Tested
Ni	35.0-37.0	36.12
Si	0.4 max.	0.24
Mn	0.6 max.	0.43
C	0.05 max.	0.007
O	/	0.054
P	0.015 max.	0.005
S	0.015 max.	0.0008
Fe	Bal	Bal

Standards: GB/T 14265, GB/T 23942

Particle Size Distribution

Laser diffraction analysis	D10/ μ m	D50/ μ m	D90/ μ m	Standards
	4.9	11.1	19.7	GB/T 19077

Test condition: Temperature 25° C, Humidity 40%

Judgement: **Pass**

Check: Y. Tang

Approval: L. Zhang

Date: 2024-03-22