

CERTIFICATE OF ANALYSIS: 202408040043

Material Grade	NiTi50 Powder	Product No.	NSM-Ti50-1553
Customer No.	ILA	Order No.	ILA-240628
Lot No.	20240525-01	Quantity	50 kg
Process	EIGA	Powder Size	15-53 μ m

Chemical Compositions / wt%

Element	Specification	Tested
Ni	55.50-56.50	56.32
Fe	0.2 max.	0.011
C	0.1 max.	0.003
O	/	0.056
N	/	0.006
Ti	Bal	Bal

Standards: GB/T 14265, GB/T 23942

Powder Property

Particle Size Distribution (laser diffraction analysis)	D10/ μ m	D50/ μ m	D90/ μ m	Standards
Flowability (s/50g)	18.1	34.8	57.2	GB/T 19077
Apparent density (g/cm ³)		18.6		GB/T 1482
Tap density (g/cm ³)		4.08		GB/T 1479.1
		4.31		GB/T 5162

Test condition: Temperature 25° C, Humidity 40%

Judgement: **Pass**

Check: Y. Tang

Approval: A. Xiao

Date: 2024-08-04