

**CERTIFICATE OF ANALYSIS: 202308100045**

Material Grade	Ni Powder	Product No.	Ni-G-998-1553
Customer No.	USK	Order No.	USK-230722
Lot No.	20230808-01	Quantity	150kg
Process	Gas Atomizing	Powder Size	15-53 $\mu$ m

**Chemical Compositions / wt%**

Element	Tested %	Element	Tested %
Ni	> 99.8	Si	0.01
Cr	0.03	C	0.021
O	0.035	S	0.001
P	0.001	Fe	0.03

Standards: GB/T 14265, GB/T 23942

**Powder Property**

Particle Size Distribution (laser diffraction analysis)	D10/ $\mu$ m	D50/ $\mu$ m	D90/ $\mu$ m	Standards
Flowability (s/50g)	18.6	31.5	49.1	GB/T 19077
Apparent density (g/cm <sup>3</sup> )		4.85		GB/T 1482
				GB/T 1479.1

Test condition: Temperature 25° C, Humidity 40%

Judgement: Pass



Check: Y. Tang

Approval: L. Zhang

Date: 2023-08-10