

CERTIFICATE OF ANALYSIS: 202409210198

Material Grade	7075 Powder	Product No.	A7075-G-0025
Production Date	2024-09-13	Order No.	USH-240717
Lot No.	20240913-01	Quantity	200 kg
Process	Gas Atomizing	Powder Size	0-25µm

Chemical Compositions / wt%

Element	Specification	Tested
Al	Bal.	Bal.
Si	0.4 max.	0.17
Mg	2.1-2.9	2.38
Fe	0.5 max.	0.16
Ti	0.2 max.	0.03
Zn	5.1-6.1	5.52
Cu	1.2-2.0	1.65
Cr	0.18-0.28	0.23
Mn	0.3 max.	0.07
O	0.08 max.	0.066

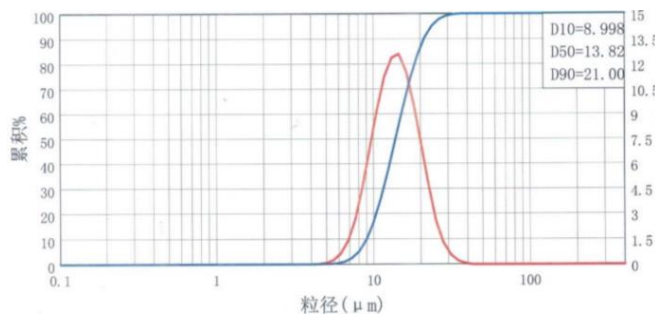
Standards: GB/T 23942

Powder Property

Particle Size Distribution (laser diffraction analysis)	D10/um	D50/um	D90/um	Standards
	8.9	13.8	21.0	GB/T 19077
Apparent density (g/cm ³)	1.58			GB/T 1479.1

Test condition: Temperature 25° C, Humidity 40%

PSD Graph:



Judgement: Pass



Check: Y. Tang

唐音

Approval: L. Zhang

张立

Date: 2024-09-21