

**CERTIFICATE OF ANALYSIS: 202503260231**

Material Grade	7050 Powder	Product No.	A7050-G-0525
Production Date	2025-03-21	Order No.	ESD-250313
Lot No.	20250321-01	Quantity	10 kg
Process	Gas Atomizing	Powder Size	5-25 $\mu$ m

**Chemical Compositions / wt%**

Element	Specification	Tested
Al	Bal.	Bal.
Si	0.12 max.	0.07
Mg	1.9-2.6	2.09
Fe	0.15 max.	0.04
Ti	0.06 max.	0.02
Zn	5.7-6.7	6.03
Cu	2.0-2.6	2.22
Zr	0.08-0.15	0.09
Cr	0.04 max.	0.02
Mn	0.1 max.	0.03
H <sub>2</sub> O	0.1 max.	0.03

Standards: GB/T 23942

**Powder Property**

Particle Size Distribution	D10/ $\mu$ m	D50/ $\mu$ m	D90/ $\mu$ m	Standards
(laser diffraction analysis)	4.018	9.994	19.150	GB/T 19077

Test condition: Temperature 25° C, Humidity 40%



Check: Y. Tang

Approval: L. Zhang

Date: 2025-03-26