

Certificate of Analysis & Certificate of Conformity

Product Name:	316L	Series No:	
Particle Size:	15-45 μ m	Contract No.:	AMC2018B0100A
Batch No.:		Customer Name & PO:	Custom Prototypes
Reference Standards:		Weight(kg):	200KG
Color:		Expected Shipping Date:	
		Printing Date:	

Density	Test Lab	Result		Reach the standard
Apparent Density (g/m ³)	AMC Lab	4.32		YES
Tap Density (g/m ³)	AMC Lab	4.76		YES
Chemical Composition (wt%)	Test Lab	Expected Result	Tested Result	Reach the standard
Carbon (C)	AMC Lab	≤ 0.030	0.023	YES
Silicon (Si)	AMC Lab	≤ 1.00	0.82	YES
Nickel (Ni)	AMC Lab	12.00-15.00	12.16	YES
Molybdenum (Mo)	AMC Lab	2.00-3.00	2.59	YES
Magnesium (Mn)	AMC Lab	≤ 2.00	1.58	YES
Chromium (Cr)	AMC Lab	16.00-18.00	17.06	YES
Copper (Cu)	AMC Lab	≤ 0.075	0.15	YES
Phosphorus (P)	AMC Lab	≤ 0.035	0.01	YES
Iron (Fe)	AMC Lab	Bal	Bal	YES
Oxygen(O)	AMC Lab	-	0.052	YES
Laser Particle Size	Test Lab	D10	D50	D90
Standard	AMC Lab	21.02	33.20	51.67

Conclusion

The products are inspected qualified, and allowed to be shipped.

Edit	Review	Authorize	Date
Zhao Can	Li Wenying	Ma Teng	Jan 19, 2018

Estimated uncertainty of measurement is available upon request.