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Quality Certificate

No.: PO 2393323

PO 2394348

-dia 9.0mm

1. Description:

Commodity	Material	Standard	Condition
Ti-6Al-4V ELI Bar	Ti-6Al-4V ELI	ASTM F136	Annealed
Heat No.	Lot No.	Size	Weight
210895	210895-1	Ø9.0*2000mm	13.60Kgs(24pcs)

2. Chemical Composition (Wt%):

Element	Ti	Al	V	Fe	C	N	O	H	Others	
									Each	Total
Req (Max.)	Bal	5.5 - 6.5	3.5 - 4.5	0.25	0.08	0.05	0.13	0.012	0.10	0.40
Results	Bal	6.26	4.26	0.022	0.005	0.003	0.113	0.0015	<0.1	<0.4

3. Mechanical Properties:

Test Items	Tensile Strength Rm [Mpa]	Yield Strength Rp0.2 [Mpa]	Elongation A [%]	Area of Reduction Z [%]
Requirements	≥860	≥795	≥10	≥25
Results	1014	932	17.5	42

4. Other Test Items:

Microstructure	Ultrasonic Test	Dimensional Inspection	Visual Inspection	Surface Contamination
Qualified	Qualified	Qualified	Qualified	Clean

5. Conclusion and Statement:

We hereby certify that these Titanium Ti-6Al-4V ELI bars/rods herein has been manufactured,sampled,tested,and inspected in accordance with ASTM F136 and other specified requirements of PO 2393323 & 2394348, and met these requirements.

Inspected by	Prepared by	Approved by
Michelle Zhang	Jimmy Liu	Jianyin Xu
Dec.20 th , 2021.	Dec.20 th , 2021.	Dec.20 th , 2021.

END OF REPORT!