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Quality Certificate

No.: PO 2347560

1. Description:

Commodity		Material	Standard	Condition
Ti-6Al-4V ELI plate		Ti-6Al-4V ELI	ASTM F136-12	Annealed
No.	Heat No.	Lot No.	Size	Weight
1	2105-901	TG200903	1.2x1000x1000mm	10Kgs

2. Chemical Composition (Wt%):

Element	Ti	Al	V	Fe	C	N	O	H	Others		
									Each	Total	
Requirements (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	1	Bal	6.26	4.08	0.037	0.012	0.006	0.049	0.0013	<0.1	<0.4
		Bal	6.26	4.07	0.041	0.010	0.006	0.048	0.0015	<0.1	<0.4

3. Mechanical Properties:

Test Items		Tensile Strength Rm [Mpa]	Yield Strength Rp0.2 [Mpa]	Elongation A [%]	Bent/105°
Requirements		≥860	≥795	≥10	10T
Results	LT	950	1050	11	Qualified
	L	1008	1012	11	

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 F136-12 and other specified requirements of PO 2347560, and met these requirements.

Inspected by	Prepared by	Approved by
T04	Xia He	T06
May.9 th , 2021.	May.9 th , 2021.	May.9 th , 2021.