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Quality Certificate

No.: PO 2399266

1. Description:

Commodity	Material	Standard	Condition
Ti-6Al-4V ELI Bar	Ti-6Al-4V ELI	ASTM F136-12	Annealed
Size(mm)	Heat No.	Lot No.	Weight
Dia 2.5mm x L	Y221B-432-2	432-2-1	30Kgs
Dia 3.0mm x L	Y221B-432-2	432-2-1	30Kgs

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	6.34	4.04	0.029	0.013	0.003	0.034	0.002	<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	---
Results	935	836	33.5	---

4. Other Test Items:

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

5. Conclusion and Statement:

We hereby certify that these Titanium Ti-6Al-4V ELI wire herein has been manufactured, sampled, tested, and inspected in accordance with ASTM F136-12 and other specified requirements of PO 2399266, and met these requirements.

Inspected by	Prepared by	Approved by
Michelle Zhang	Jimmy Liu	Jianyin Xu
Jul.11 th , 2022.	Jul.11 th , 2022.	Jul.11 th , 2022.

END OF REPORT!