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## **Quality Certificate**

No.: PO 2383207

### 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 0.8mm x L	5016232101	501623210-1	3Kgs
Dia 1.0mm x L	5016232101	501623210-1	3Kgs
Dia 1.2mm x L	5016232101	501623210-1	30Kgs
Dia 1.6mm x L	5016232101	501623210-1	30Kgs

#### 2. Chemical Composition (Wt%):

Element Ti	T;	Ti Al	V F	Ea	e C	N	О	Н	Others	
	11			ге					Each	Total
D		5.5	3.5							
Req	Bal	-	-	0.25	0.08	0.05	0.13	0.012	0.10	0.40
(Max.)		6.5	4.5							
Results	Bal	6.18	4.02	0.13	0.010	0.008	0.082	0.003	< 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				
Results				

#### 4. Other Test Items:

Microstructure	Ultrasonic	Dimensional	Visual	Surface
Microstructure	Test	Inspection	Inspection	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 2383207, and met these requirements.

Inspected by	Prepared by	Approved by
Michelle Zhang	Jimmy Liu	Jianyin Xu
Apr.9 <sup>th</sup> , 2022.	Apr.9 <sup>th</sup> , 2022.	Apr.9 <sup>th</sup> , 2022.

#### **END OF REPORT!**