

To protect the privacy of customers or suppliers of Salamander Jewelry.
We erased their address from this document.

No.: TG1700068a-dia 2.5x2500mm

1. Description:

| Commodity | Material | Standard | Condition |
|-------------------|---------------|----------------|-----------|
| Ti-6Al-4V ELI bar | Ti-6Al-4V ELI | ASTM F136 | Annealed |
| Heat NO. | Lot No. | Size | Weight |
| MT16918 | 1709201 | dia 2.5x2500mm | 35.70Kgs |

2. Chemical composition (wt%) :

| Element | Ti | N | C | H | Fe | O | Al | V | |
|------------------------|--------|------|-------|-------|--------|------|---------|---------|------|
| Requirements (max.) | Bal | 0.05 | 0.08 | 0.012 | 0.25 | 0.13 | 5.5-6.5 | 3.5-4.5 | |
| Results | top | Bal | 0.004 | 0.01 | 0.0011 | 0.13 | 0.101 | 6.06 | 4.15 |
| | bottom | Bal | / | / | / | 0.13 | 0.101 | / | / |

3. Mechanical properties:

| Test Items | Tensile strength Rm (MPa) | Yield strength Rp0.2 (MPa) | Elongations (%) |
|--------------|---------------------------------|----------------------------------|--------------------|
| Requirements | >=860 | >=795 | >=10 |
| Results | 1001 | 821 | 20 |

4. Other test items:

| Microstructure | Ultrasonic | Dimensional Inspection | Visual Inspection | Surface contamination |
|----------------|------------|---------------------------|----------------------|--------------------------|
| Qualified | Qualified | Qualified | Qualified | Clean |

5. Conclusion and Statement:

We hereby certify that these Titanium plate Ti-6Al-4V ELI herein has been manufactured, samples, tested and inspected in accordance with ASTM F136 and other specified requirements of contract number TG1700068a, and met these requirements.

| Inspected by | Prepared by | Approved by |
|-----------------|-----------------|-----------------|
| Michele Zhang | Jimmy Liu | Andrew Wang |
| Sep.18th, 2017. | Sep.18th, 2017. | Sep.18th, 2017. |

QUALITY CERTIFICATE