

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

Certificate No: #20170905

Date: 2017/9/5

|  |                        |         |                     |              |                      |          |                       |             |                 |                |
|--|------------------------|---------|---------------------|--------------|----------------------|----------|-----------------------|-------------|-----------------|----------------|
| Purchasing Company                               |                        | /       |                     | P.I./P.O.No. | /                    |          | Batch Number          | HJ2017T1548 |                 |                |
| Commodity  |                        |         | Material            | Condition    | Size & Specification | Quantity | Products Standard     |             | Temperature     |                |
| Titanium Round Bar, Annealed Centerless Grinding |                        |         | Gr23                | M            | Dia15.0mm x 2000mm   | 50KGS    | ASTM F136             |             | 20°C            |                |
| Chemical Composition (WT. %)                     |                        |         |                     |              |                      |          |                       |             |                 |                |
| TI Balance<br>Ref. ASTM                          | Item<br>Size           | Fe      | C                   | N            | H                    | O        | AL                    | V           | Residuals       |                |
|  |                        | 0.25Max | 0.08 Max            | 0.05 Max     | 0.012 Max            | 0.13 Max | 5.5-6.50              | 3.5-4.5     | Each ( ≤0.1 )   | Total ( ≤0.4 ) |
|  | Dia15.0mm x 2000mm     | 0.12    | 0.010               | 0.020        | <0.001               | 0.02     | 6.02                  | 4.1         | ≤0.1            | ≤0.4           |
| Mechanical Strength                              |                        |         |                     |              |                      |          |                       |             |                 |                |
| Inspection Item                                  | Tensile Strength       |         | 0.2 Yield Strength  |              | Elongation           |          | Reduction of area     |             | /               | /              |
|  | (Rm/Mpa)               |         | Rp0.2/Mpa           |              | A(%)                 |          | Z(%) min.             |             | /               | /              |
| Requirement                                      | 860                    |         | 795                 |              | 10 Min               |          | 25                    |             | /               | /              |
| Dia15.0mm x 2000mm                               | 955                    |         | 900                 |              | 21                   |          | 45                    |             | /               | /              |
| Other Testing                                    |                        |         |                     |              |                      |          |                       |             |                 |                |
| Testing Item                                     | Dimensional Inspection |         | Surface Measurement |              | Micro Structure      |          | Surface Contamination |             | Ultrasonic Test |                |
| Result   | ACCEPTABLE             |         | ACCEPTABLE          |              | ACCEPTABLE           |          | ACCEPTABLE            |             | /               |                |

Hereby certify this product conforms to all specifically listed technical requirements, and other requirements for these specifications. Furthermore, we certify that the above stated quantitative results were derived from testing and analysis and are accordance with the reference specification requirements

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