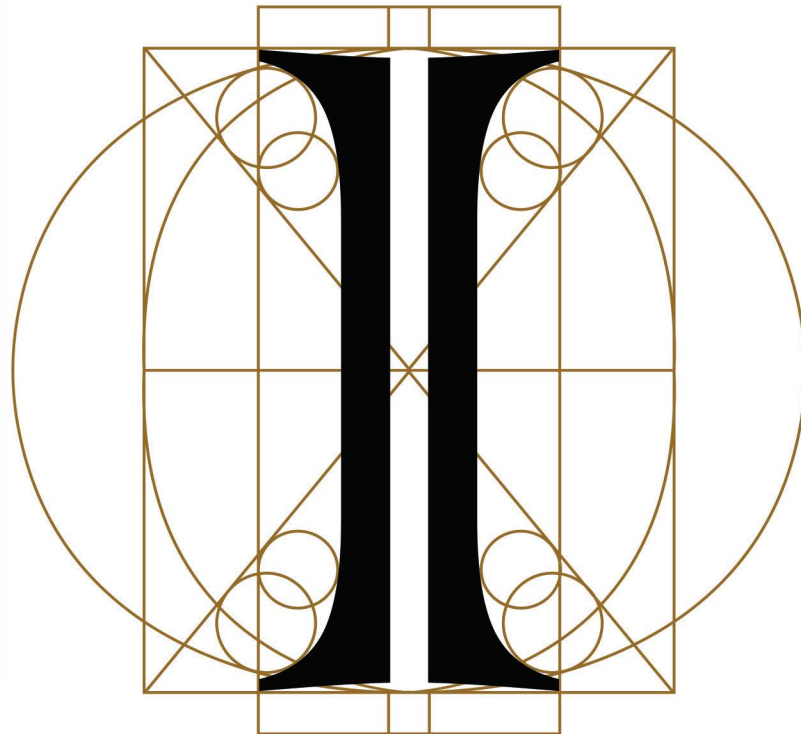


QUALITY INTERNALLY THREADED TITANIUM INSERTION JEWELRY



INVICTUS
BODY JEWELRY
Quality Without Compromise

MILL CERTIFICATE
9/8/2017



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Salesone LLC 16 Fitch St., Norwalk, CT 06855

BAOJI CITY JINXIU RARE METALS LTD

QUALITY CERTIFICATION

Certificate No.20160707

Contract No.	Product	Designation No	LOT No.	Condition	Size(mm)		Net Weight	Specification	
JX20160409	Titanium Bar	Ti6Al4V ELI	JXTD1510-17	M	Ø7.5×2000		53.60	ASTM F136	
					Ø4.0×2000		200.80		
					Ø3.0×2000		96.60		
Tensile Test	Sample Condition	σb	σ0.2	δb	ψ	ak	HB(d)		
		Tensile Strength	Yield Strength	Elongation	Reduction area[%]	[J/cm ²]	[mm]	Bend Test	
		[MPa]	0.2%[MPa]	[%]					
	M	920	850	14	45	/	/	/	/
Position	Chemical Composition (%)								
	Ti	Fe	C	N	H	O	Al	V	Others
Top	Remainder	0.05	0.01	0.01	0.001	0.08	5.90	4.00	Each<0.10
Middle	Remainder	/	/	/	/	/	/	/	Total<0.40
Note					Stamp				
									

Inspector: Xiao Gang

Reviewer: Wang Yang

Date: July 7, 2016

MUTUAL CORNELL

Mark Hollis / Guy Pineda
Sales One LLC
16 Finch Street
Norwalk, CT 06855

September 8, 2017

CERTIFICATE OF ANALYSIS

Date Submitted: 9/6/2017
17062746-4

PO Number: NA
Style number: TILI801
Sample Desc.: Small Bars with Round Ball
Sample Date: 9/5/2017

XRF Assay Composition

Date Analyzed: 9/8/2017
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.772	%/wt.	Pass
Aluminum	5.610	%/wt.	
Vanadium	4.484	%/wt.	
Iron	0.134	%/wt.	

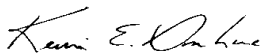
Note(s): The submitted samples were tested in accordance with the TI-6AL-4V ELI ASTM F136 guidelines.

The chemical composition for Grade 23 Ti 6Al 4V Eli Alloy is specified as 88 -91% Titanium, 5.5 - 6.5% Aluminum, 3.5 - 4.5% Vanadium, and $\leq 0.25\%$ Iron. After failing to detect any aluminum by XRF, the sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results.



Analyzed & Documented by: Maggie Eastwood, Lab Technician

Reviewed by: Rich DiDonato, Quality Manager



Kevin E. Donahue
Laboratory Director



Jeff Mascoli
Laboratory Manager

The above results were obtained using a Fischer Technologies Fischerscope XAN-DPP-X-Ray Fluoroscope (XRF). After grinding test results indicate the approximate assay composition of the substrate base metal only. The approx. measurement error is within $\pm 5.0\%$, max., of the measured values per typical instrumental methods. Samples submitted by customer, results relate only to items tested. Test report shall not be reproduced except in full, without written approval of the laboratory.

Pg. 1 of 1

MUTUAL CORNELL

Mark Hollis / Guy Pineda
Sales One LLC
16 Finch Street
Norwalk, CT 06855

September 8, 2017

CERTIFICATE OF ANALYSIS

Date Submitted: 9/6/2017
17062746-6

XRF Assay Composition

PO Number: NA
Style number: TICL5
Sample Desc.: Casting with Five Stones
Sample Date: 9/5/2017

Date Analyzed: 9/8/2017
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.902	%/wt.	Pass
Aluminum	5.500	%/wt.	
Vanadium	4.474	%/wt.	
Iron	0.124	%/wt.	

Note(s): The submitted samples were tested in accordance with the TI-6AL-4V ELI ASTM F136 guidelines.

The chemical composition for Grade 23 Ti 6Al 4V Eli Alloy is specified as 88 -91% Titanium, 5.5 - 6.5% Aluminum, 3.5 - 4.5% Vanadium, and $\leq 0.25\%$ Iron. After failing to detect any aluminum by XRF, the sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results.



Analyzed & Documented by: Maggie Eastwood, Lab Technician

Reviewed by: Rich DiDonato, Quality Manager

Kevin E. Donahue
Laboratory Director

Jeff Mascoli
Laboratory Manager

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MUTUAL CORNELL

Mark Hollis
Sales One LLC
16 Finch Street
Norwalk, CT 06855

December 14, 2016

CERTIFICATE OF ANALYSIS

Date Submitted: 12/13/2016
16060051-1RR

Assay Composition

PO Number: NA
Style number: NA
Sample Desc.: Samples
Sample Date: 12/09/2016

Date Analyzed: 12/14/2016
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.880	%/wt.	Pass
Aluminum	5.629	%/wt.	
Vanadium	4.250	%/wt.	
Iron	0.241	%/wt.	

Note(s): The submitted samples were tested in accordance with the TI-6AL-4V ELI ASTM F136 guidelines.

The chemical composition for Grade 23 Ti 6Al 4V Eli Alloy is specified as 88 -91% Titanium, 5.5 - 6.5% Aluminum, 3.5 - 4.5% Vanadium, and $\leq 0.25\%$ Iron. After failing to detect any aluminum by XRF, the sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results.



Analyzed & Documented by: Maggie Eastwood, Lab Technician

Reviewed by: Rich DiDonato, Quality Manager

Kevin E. Donahue
Laboratory Director

Jeff Mascoli
Laboratory Manager

The above results were obtained using a Fischer Technologies Fischerscope XAN-DPP-X-Ray Fluoroscope (XRF). After grinding test results indicate the approximate assay composition of the substrate base metal only. The approx. measurement error is within +/- 5.0%, max., of the measured values per typical instrumental methods. Samples submitted by customer, results relate only to items tested.
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MUTUAL CORNELL

Mark Hollis / Guy Pineda
Sales One LLC
16 Finch Street
Norwalk, CT 06855

December 22, 2016

CERTIFICATE OF ANALYSIS
Date Submitted: 12/20/2016
16060121-1

Assay Composition

PO Number: NA
Style number: TIBI4921
Sample Desc.: Bar
Sample Date: 12/19/2016

Date Analyzed: 12/22/2016
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.893	%/wt.	Pass
Aluminum	5.510	%/wt.	
Vanadium	4.490	%/wt.	
Iron	0.107	%/wt.	

Note(s): The submitted samples were tested in accordance with the TI-6AL-4V ELI ASTM F136 guidelines.

The chemical composition for Grade 23 Ti 6Al 4V Eli Alloy is specified as 88 -91% Titanium, 5.5 - 6.5% Aluminum, 3.5 - 4.5% Vanadium, and \leq 0.25% Iron. After failing to detect any aluminum by XRF, the sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results.



Analyzed & Documented by: Maggie Eastwood, Lab Technician

Reviewed by: Rich DiDonato, Quality Manager



Kevin E. Donahue
Laboratory Director



Jeff Mascoli
Laboratory Manager

The above results were obtained using a Fischer Technologies Fischerscope XAN-DPP-X-Ray Fluoroscope (XRF).

The approx. measurement error is within +/- 5.0%, max., of the measured values per typical instrumental methods.

Samples submitted by customer, results relate only to items tested.

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MUTUAL CORNELL

Mark Hollis / Guy Pineda
Sales One LLC
16 Finch Street
Norwalk, CT 06855

December 22, 2016

CERTIFICATE OF ANALYSIS
Date Submitted: 12/20/2016
16060121-2

Assay Composition

PO Number: NA
Style number: TIBI451
Sample Desc.: Bar
Sample Date: 12/19/2016

Date Analyzed: 12/22/2016
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.837	%/wt.	Pass
Aluminum	5.627	%/wt.	
Vanadium	4.393	%/wt.	
Iron	0.143	%/wt.	


Note(s): The submitted samples were tested in accordance with the TI-6AL-4V ELI ASTM F136 guidelines.

The chemical composition for Grade 23 Ti 6Al 4V Eli Alloy is specified as 88 -91% Titanium, 5.5 - 6.5% Aluminum, 3.5 - 4.5% Vanadium, and \leq 0.25% Iron. After failing to detect any aluminum by XRF, the sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results.



Analyzed & Documented by: Maggie Eastwood, Lab Technician

Reviewed by: Rich DiDonato, Quality Manager



Kevin E. Donahue
Laboratory Director



Jeff Mascoli
Laboratory Manager

The above results were obtained using a Fischer Technologies Fischerscope XAN-DPP-X-Ray Fluoroscope (XRF).

The approx. measurement error is within +/- 5.0%, max., of the measured values per typical instrumental methods.

Samples submitted by customer, results relate only to items tested.

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MUTUAL CORNELL

Mark Hollis / Guy Pineda
Sales One LLC
16 Finch Street
Norwalk, CT 06855

December 22, 2016

CERTIFICATE OF ANALYSIS
Date Submitted: 12/20/2016
16060121-3

PO Number: NA
Style number: TIC1421
Sample Desc.: Bar
Sample Date: 12/19/2016

Assay Composition

Date Analyzed: 12/22/2016
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.955	%/wt.	Pass
Aluminum	5.542	%/wt.	
Vanadium	4.390	%/wt.	
Iron	0.113	%/wt.	

Note(s): The submitted samples were tested in accordance with the TI-6AL-4V ELI ASTM F136 guidelines.

The chemical composition for Grade 23 Ti 6Al 4V Eli Alloy is specified as 88 -91% Titanium, 5.5 - 6.5% Aluminum, 3.5 - 4.5% Vanadium, and $\leq 0.25\%$ Iron. After failing to detect any aluminum by XRF, the sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results.



Analyzed & Documented by: Maggie Eastwood, Lab Technician

Reviewed by: Rich DiDonato, Quality Manager



Kevin E. Donahue
Laboratory Director



Jeff Mascoli
Laboratory Manager

The above results were obtained using a Fischer Technologies Fischerscope XAN-DPP-X-Ray Fluoroscope (XRF).

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