

INVICTUS
BODY JEWELRY
Quality Without Compromise

Material Information



Mill Certificate for Threadless Body Jewelry.

Fort Wayne Metals Research Products Corp

PHN 260.747.4154 9609 Ardmore Avenue
 FAX 260.747.0398 Fort Wayne, IN 46809

fwm.com



F-QM-50
 rev November 04, 2018

FORT WAYNE METALS

Turning knowledge into solutions.

CERTIFICATION OF COMPLIANCE

Certification: 1245431-1	Manufactured Date: 06/19/2019	Batch: 14715901	
Customer: TNS Korea		Sales Order: 1085811	
Customer Part: FWMTNS001HR022		Purchase Order: TNS #190305-002 2of3	Certified By Inspector Joshua Brinneman
Quantity Shipped: 307.083 kg (2207 ea)			19 June, 2019 Date
Finish: Centerless Ground & Polished, Chamfer			
Alloy: Ti-6Al-4V ELI	Condition: Hard		
Size: 4.0 mm x 2500 mm			
Specification: ASTM F136			
The material in this shipment has been certified to comply to the above specification			

RAW MATERIAL CHARACTERISTICS

Heat Number: 0-21-04520

Batch Description: Round Bar

Aluminum (Al) (%)	6.0830	Balance	Titanium
Carbon (C) (%)	0.0240	Hydrogen (H) (%)	0.0069
Iron (Fe) (%)	0.1700	Nitrogen (N) (%)	0.0033
Other Single Trace (%)	< 0.1000	Oxygen (O) (%)	0.1103
Total Trace Elements (%)	0.1270	Vanadium (V) (%)	3.9430
Yttrium (Y) (%)	< 0.0010	Microstructure	Pass
RM Country of Origin	Russia	RM DFARS Compliant	Not Compliant
Ultrasonic Tested	Yes		

FINISHED GOOD MATERIAL CHARACTERISTICS

Size Tolerance: Diameter +0.00000 / -0.00787 mm

Discrete Part Length +24.9987 / -24.9987 mm

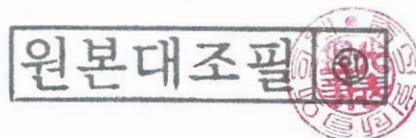
Batch Description: Centerless Ground and Polish

Diameter (mm)	3.99669	Discrete Part Length (mm)	2,508.25000
Breakload (kg)	1,574	Tensile Strength (Mpa)	1,230
Elongation (%)	22	Yield Load (kg)	1,301
Yield Strength (Mpa)	1,017	Hydrogen (H) (%)	0.0080
Cold Work (%)	0.0	MetLab Report Number	19-06-61264
Beta Transus (°C)	978.0000	Reduction of Area (%)	46.8
Microstructure	Pass	Rockwell Hardness C (ea)	34.00

TESTING PROPERTIES

Made in the USA from domestic and foreign materials.

ASTM and ISO 9001 certified. ISO 13485 certified. ISO 9001 and AS 9100 certified.



Mill Certificate for Threadless Body Jewelry.

Fort Wayne Metals Research Products Corp

PH: 260.747.4154 9609 Ardmore Avenue
 FAX 260.747.0398 Fort Wayne, IN 46809

fwmetals.com

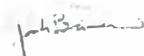


FORM-50
 Rev. November 04 2018

FORT WAYNE METALS

Turning knowledge into solutions

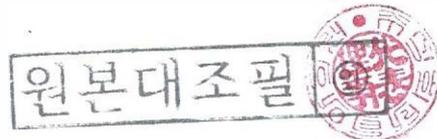
CERTIFICATION OF COMPLIANCE

Certification: 1245431-1	Manufactured Date: 06/19/2019	Batch: 14715901	 Certified By Joshua Brinneman Inspector 19 June 2019 Date
Customer: TNS Korea		Sales Order: 1085811	
Customer Part: FWMTNS001HR022		Purchase Order: TNS #190305-002 2of3	
Quantity Shipped: 307.083 kg (2207 ea)			
Finish: Centerless Ground & Polished, Chamfer			
Alloy: Ti-6Al-4V ELI		Condition: Hard	
Size: 4.0 mm x 2500 mm			
Specification: ASTM F136			
The material in this shipment has been certified to comply to the above specification			

Crosshead Speed (mm/min)	1.2446	Secondary Crosshead Speed (mm/min)	25.4000
Gauge Length (mm)	50.8000		
Batch Description Eddy Current Tested			
Eddy Current Test	Pass		

Made in the USA from domestic and foreign materials.

Fort Wayne Metals is ISO 9001 and AS 9100 certified



BAOJI CITY JINXIU RARE METALS LTD

QUALITY CERTIFICATION

Certificate No.20200111

Contract No.	Product	Designation No	LOT No.	Condition	Size(mm)	Net Weight	Specification		
/	Titanium Wire	Ti6Al4V ELI	JXTD1908-22	M	Ø1.3×L	54kg	ASTM F136		
Tensile Test	Sample Condition	σb	σ0.2	δb	ψ	ak	HB(d)		
		Tensile Strength [MPa]	Yield Strength 0.2%[MPa]	Elongation [%]	Reduction area[%]	[J/cm ²]	[mm]	Bend Test	
	M	930	855	13.5	/	/	/		
Chemical Composition (%)									
Position	Ti	Fe	C	N	H	O	Al	V	Others
Top	Remainder	0.066	0.017	0.01	0.001	0.066	6.09	4.13	Each<0.10
Bottom	Remainder	0.069	0.015	0.012	0.001	0.072	6.02	4.04	
Note	Stamp								



Inspector: Gang Xiao

Date: January 11 . 2020

MUTUAL CORNELL

Mark Hollis
Invictus Body Jewelry
16 Fitch Street
Norwalk, CT 06855

November 4, 2021

CERTIFICATE OF ANALYSIS

Date Submitted: 10/19/21
21074370-1

14Kt gold - PASS

Revised

Item Number: 14KSGRH-89
Item Description: 14K Gold Hinged Segment Hoop 18G 1/32 Inch
Sample Type: *****
Vendor: *****

Analyzed by: EB on 11/3/21

Component	Requirement	Tolerance	Minimum	Gold Content	Unit
Hoop	58.33	0.300	58.03	58.42	%/wt



Kevin E. Donahue

Kevin E. Donahue
Laboratory Director

Jeff Mascoli

Jeff Mascoli
Laboratory Manager

MCE SOP for Determining Corrected Silver Content in Metal Components (Modified version of ASTM E1335 and E2295-03)

MCE SOP for Determining Gold Content in Metal Components (Modified version of ASTM E1335-08)

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.

Report revised to correct error in address line. JM 11/5/21

November 1, 2021

Invictus Body Jewelry
16 Fitch Street
Norwalk, CT 06855

CERTIFICATE OF ANALYSIS
Date Submitted: 10/19/2021
21074370-4

PO Number: NA
Style number: TISGRH2010
Sample Desc.: TITANIUM HINGED SEGMENT HOOP 20G 3/8 INCH
Sample Date: 10/18/2021

Assay Composition by XRF and ICP Analysis
Revised

Date Analyzed: 10/29/2021
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	90.106	%/wt.	Pass
Aluminum	5.371	%/wt.	
Vanadium	4.470	%/wt.	
Iron	0.053	%/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. The sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results. The results do not included composition of Nitrogen, Carbon, Hydrogen, or Oxygen which may be present in the alloy.

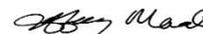


Analyzed & Documented by: Maggie Eastwood, Quality Manager

Reviewed by: Jeff Mascoli, Laboratory 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).
Report revised to correct error in address. JM 11/5/21

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
Invictus Body Jewelry
16 Fitch Street
Norwalk, CT 06855

November 1, 2021

CERTIFICATE OF ANALYSIS
Date Submitted: 10/19/2021
21074370-3

PO Number: NA
Style number: TIB2NI43-C
Sample Desc.: TITANIUM INTERNALLY THREADED NAVEL 14G 7/16INCH
Sample Date: 10/18/2021

Assay Composition by XRF and ICP Analysis
Revised

Date Analyzed: 10/29/2021
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.578	%/wt.	Pass
Aluminum	5.789	%/wt.	
Vanadium	4.453	%/wt.	
Iron	0.180	%/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. The sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results. The results do not included composition of Nitrogen, Carbon, Hydrogen, or Oxygen which may be present in the alloy.



Analyzed & Documented by: Maggie Eastwood, Quality Manager

Reviewed by: Jeff Mascoli, Laboratory 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).
Report revised to correct error in address. JM 11/5/21

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
Invictus Body Jewelry
16 Fitch Street
Norwalk, CT 06855

November 1, 2021

CERTIFICATE OF ANALYSIS
Date Submitted: 10/19/2021
21074370-5

PO Number: NA
Style number: TITD01-14SCC40
Sample Desc.: TITANIUM THREADED TOP 14G 4MM SC CLEAR
Sample Date: 10/18/2021

Assay Composition by XRF and ICP Analysis
Revised

Date Analyzed: 10/29/2021
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.749	%/wt.	Pass
Aluminum	5.738	%/wt.	
Vanadium	4.430	%/wt.	
Iron	0.083	%/wt.	

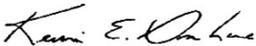
Note(s): The submitted samples were tested in accordance with the TI-6AL-4V ELI ASTM F136 guidelines.

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. The sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results. The results do not included composition of Nitrogen, Carbon, Hydrogen, or Oxygen which may be present in the alloy.



Analyzed & Documented by: Maggie Eastwood, Quality Manager

Reviewed by: Jeff Mascoli, Laboratory 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).
Report revised to correct error in address. JM 11/5/21

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
Invictus Body Jewelry
16 Fitch Street
Norwalk, CT 06855

November 1, 2021

CERTIFICATE OF ANALYSIS
Date Submitted: 10/19/2021
21074370-6

PO Number: NA
Style number: TITLSBLGMC-25
Sample Desc.: TITANIUM THREADLESS TOP 2.5MM SC CLEAR
Sample Date: 10/18/2021

Assay Composition by XRF and ICP Analysis
Revised

Date Analyzed: 10/29/2021
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	90.060	%/wt.	Pass
Aluminum	5.576	%/wt.	
Vanadium	4.317	%/wt.	
Iron	0.047	%/wt.	

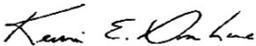
Note(s): The submitted samples were tested in accordance with the TI-6AL-4V ELI ASTM F136 guidelines.

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. The sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results. The results do not included composition of Nitrogen, Carbon, Hydrogen, or Oxygen which may be present in the alloy.



Analyzed & Documented by: Maggie Eastwood, Quality Manager

Reviewed by: Jeff Mascoli, Laboratory 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).
Report revised to correct error in address. JM 11/5/21

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
Invictus Body Jewelry
16 Fitch Street
Norwalk, CT 06855

November 1, 2021

CERTIFICATE OF ANALYSIS
Date Submitted: 10/19/2021
21074370-7

PO Number: NA
Style number: TIPINLI43-4
Sample Desc.: TITANIUM THREADED LABRET BASE 14G 7/16 INCH 4MM DISK
Sample Date: 10/18/2021

Assay Composition by XRF and ICP Analysis
Revised

Date Analyzed: 10/29/2021
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.726	%/wt.	Pass
Aluminum	5.751	%/wt.	
Vanadium	4.363	%/wt.	
Iron	0.160	%/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. The sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results. The results do not included composition of Nitrogen, Carbon, Hydrogen, or Oxygen which may be present in the alloy.



Analyzed & Documented by: Maggie Eastwood, Quality Manager

Reviewed by: Jeff Mascoli, Laboratory 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).
Report revised to correct error in address. JM 11/5/21

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
Invictus Body Jewelry
16 Fitch Street
Norwalk, CT 06855

November 1, 2021

CERTIFICATE OF ANALYSIS
Date Submitted: 10/19/2021
21074370-8

PO Number: NA
Style number: TITLSL2009-3
Sample Desc.: TITANIUM THREADLESS LABRET BASE 20G 3MM DISK
Sample Date: 10/18/2021

Assay Composition by XRF and ICP Analysis
Revised

Date Analyzed: 10/29/2021
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.567	%/wt.	Pass
Aluminum	5.720	%/wt.	
Vanadium	4.480	%/wt.	
Iron	0.233	%/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. The sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results. The results do not included composition of Nitrogen, Carbon, Hydrogen, or Oxygen which may be present in the alloy.



Analyzed & Documented by: Maggie Eastwood, Quality Manager

Reviewed by: Jeff Mascoli, Laboratory 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).
Report revised to correct error in address. JM 11/5/21

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

Analie Ocariza
Salesone LLC
16 Fitch Street
Norwalk, CT 06855

January 25, 2021

CERTIFICATE OF ANALYSIS
Date Submitted: 1/21/21
21072613-1

Style number: 14KWGSGRH-81
Item Description: 14KWG SGRH 18G 5/16 PLN
Sample Date: 1/21/21

Sample Type: Jewelry
Analyzed by: KD on 1/25/2021
Samples submitted by customer, results relate only to items tested.

PASS
California Health & Safety Code, Chapter 6.5, Article 10.1.1, Section 25214.1,25214.2,25214.31,25214.4&25214.4.1 (SB647)
Lead in Metal & Surface Coatings: 500 ppm (0.05%/wt)
Lead in Plastics & Rubber: 200 ppm (0.02%/wt)
Cadmium in Substrate: : 100 ppm (0.01%/wt)
Cadmium in Surface Coatings: 100 ppm (0.01%/wt)

Metal components	Lead	Cadmium	Unit
1 Metal Combined	< 20	< 10	ppm
Non-metal components N/A			
Surface coatings N/A			
Class 1 Components - Not Tested N/A			



Kevin E. Donahue

Kevin E. Donahue
Laboratory Director

Jeff Mascoli

Jeff Mascoli
Laboratory Manager

The reference method was a modified version of USEPA 3050B, USEPA 3052, CPSC-CH-E1001-08.3 and/or CPSC-CH-E1002-08.3 and/or CPSC-CH-E1003-09.1 with instrument parameters set in accordance with Perkin-Elmer Atomic Absorption and Inductively Coupled Plasma Metals Testing procedures for the Analysis of Lead and Cadmium.

Test report shall not be reproduced except in full, without written approval of the laboratory.

Method Reporting Limit for Lead 20 ppm for Metal and 20 ppm for Non-metal & Surface coatings
Method Reporting Limit for Cadmium 10 ppm for Metal and 10 ppm for Non-metal & Surface coatings

ISO/IEC
17025:2017
ACCREDITED

136 Corliss Street, Providence, RI 02904
Tel (401) 274-9998 • Fax (401) 274-9990
www.mutualcornell.com

 
AT - 1404

Analie Ocariza
Salesone LLC
16 Fitch Street
Norwalk, CT 06855

January 25, 2021

CERTIFICATE OF ANALYSIS

Date Submitted: 1/21/21
21072613-2

Style number: 14KSPLITRING160
Item Description: 14KTGOLD 16G 1/4 SPLITRING
Sample Date: 1/21/21

Sample Type: Jewelry
Analyzed by: KD on 1/25/2021
Samples submitted by customer, results relate only to items tested.

PASS
California Health & Safety Code, Chapter 6.5, Article 10.1.1, Section 25214.1,25214.2,25214.31,25214.4&25214.4.1 (SB647)
Lead in Metal & Surface Coatings: 500 ppm (0.05%/wt)
Lead in Plastics & Rubber: 200 ppm (0.02%/wt)
Cadmium in Substrate: : 100 ppm (0.01%/wt)
Cadmium in Surface Coatings: 100 ppm (0.01%/wt)

Metal components	Lead	Cadmium	Unit
1 Metal Combined	< 20	< 10	ppm
Non-metal components N/A			
Surface coatings N/A			
Class 1 Components - Not Tested N/A			



Kevin E. Donahue

Kevin E. Donahue
Laboratory Director

Jeff Mascoli

Jeff Mascoli
Laboratory Manager

The reference method was a modified version of USEPA 3050B, USEPA 3052, CPSC-CH-E1001-08.3 and/or CPSC-CH-E1002-08.3 and/or CPSC-CH-E1003-09.1 with instrument parameters set in accordance with Perkin-Elmer Atomic Absorption and Inductively Coupled Plasma Metals Testing procedures for the Analysis of Lead and Cadmium.

Test report shall not be reproduced except in full, without written approval of the laboratory.

Method Reporting Limit for Lead 20 ppm for Metal and 20 ppm for Non-metal & Surface coatings
Method Reporting Limit for Cadmium 10 ppm for Metal and 10 ppm for Non-metal & Surface coatings

ISO/IEC
17025:2017
ACCREDITED

136 Corliss Street, Providence, RI 02904
Tel (401) 274-9998 • Fax (401) 274-9990
www.mutualcornell.com

 
AT - 1404

Analie Ocariza
 Salesone LLC
 16 Fitch Street
 Norwalk, CT 06855

January 25, 2021

CERTIFICATE OF ANALYSIS
 Date Submitted: 1/21/21
 21072613-3

Style number: 14KSGRHE15-81
 Item Description: 14K SGRH 18G 5/16 LEAVE PLN
 Sample Date: 1/21/21

Sample Type: Jewelry
 Analyzed by: KD on 1/25/2021
 Samples submitted by customer, results relate only to items tested.

PASS
California Health & Safety Code, Chapter 6.5, Article 10.1.1, Section 25214.1,25214.2,25214.31,25214.4&25214.4.1 (SB647)
Lead in Metal & Surface Coatings: 500 ppm (0.05%/wt)
Lead in Plastics & Rubber: 200 ppm (0.02%/wt)
Cadmium in Substrate: : 100 ppm (0.01%/wt)
Cadmium in Surface Coatings: 100 ppm (0.01%/wt)

Metal components	Lead	Cadmium	Unit
1 Metal Combined	< 20	< 10	ppm
Non-metal components N/A			
Surface coatings N/A			
Class 1 Components - Not Tested N/A			




 Kevin E. Donahue
 Laboratory Director


 Jeff Mascoli
 Laboratory Manager

The reference method was a modified version of USEPA 3050B, USEPA 3052, CPSC-CH-E1001-08.3 and/or CPSC-CH-E1002-08.3 and/or CPSC-CH-E1003-09.1 with instrument parameters set in accordance with Perkin-Elmer Atomic Absorption and Inductively Coupled Plasma Metals Testing procedures for the Analysis of Lead and Cadmium.

Test report shall not be reproduced except in full, without written approval of the laboratory.

Method Reporting Limit for Lead 20 ppm for Metal and 20 ppm for Non-metal & Surface coatings
 Method Reporting Limit for Cadmium 10 ppm for Metal and 10 ppm for Non-metal & Surface coatings

ISO/IEC
 17025:2017
 ACCREDITED

136 Corliss Street, Providence, RI 02904
 Tel (401) 274-9998 • Fax (401) 274-9990
 www.mutualcornell.com

 
 AT - 1404

Analie Ocariza
 Salesone LLC
 16 Fitch Street
 Norwalk, CT 06855

January 25, 2021

CERTIFICATE OF ANALYSIS
 Date Submitted: 1/21/21
 21072613-4

Style number: 14KGNCS3
 Item Description: 14K 20G NOSE SCRW 6MM*2MM BAL
 Sample Date: 1/21/21

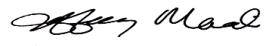
Sample Type: Jewelry
 Analyzed by: KD on 1/25/2021
 Samples submitted by customer, results relate only to items tested.

PASS
California Health & Safety Code, Chapter 6.5, Article 10.1.1, Section 25214.1,25214.2,25214.31,25214.4&25214.4.1 (SB647)
Lead in Metal & Surface Coatings: 500 ppm (0.05%/wt)
Lead in Plastics & Rubber: 200 ppm (0.02%/wt)
Cadmium in Substrate: : 100 ppm (0.01%/wt)
Cadmium in Surface Coatings: 100 ppm (0.01%/wt)

Metal components	Lead	Cadmium	Unit
1 Metal Combined	< 20	< 10	ppm
Non-metal components N/A			
Surface coatings N/A			
Class 1 Components - Not Tested N/A			



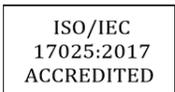

 Kevin E. Donahue
 Laboratory Director


 Jeff Mascoli
 Laboratory Manager

The reference method was a modified version of USEPA 3050B, USEPA 3052, CPSC-CH-E1001-08.3 and/or CPSC-CH-E1002-08.3 and/or CPSC-CH-E1003-09.1 with instrument parameters set in accordance with Perkin-Elmer Atomic Absorption and Inductively Coupled Plasma Metals Testing procedures for the Analysis of Lead and Cadmium.

Test report shall not be reproduced except in full, without written approval of the laboratory.

Method Reporting Limit for Lead 20 ppm for Metal and 20 ppm for Non-metal & Surface coatings
 Method Reporting Limit for Cadmium 10 ppm for Metal and 10 ppm for Non-metal & Surface coatings



136 Corliss Street, Providence, RI 02904
 Tel (401) 274-9998 • Fax (401) 274-9990
 www.mutualcornell.com



MUTUAL CORNELL

Analie Ocariza / Matthew Aglibot
Sales One LLC
16 Finch Street
Norwalk, CT 06855

November 16, 2020

CERTIFICATE OF ANALYSIS

Date Submitted: 11/12/2020
20072236-3

XRF Assay Composition

PO Number: NA
Style number: TIBI451
Sample Desc.: Bar with Ball
Sample Date: 11/12/2020

Date Analyzed: 11/16/2020
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.503	%/wt.	Pass
Aluminum	5.920	%/wt.	
Vanadium	4.427	%/wt.	
Iron	0.150	%/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. The sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results.

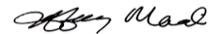


Analyzed & Documented by: Maggie Eastwood, Quality Manager

Reviewed by: Jeff Mascoli, Laboratory 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 measurement error is within $\pm 5.0\%$ 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

Analie Ocariza / Matthew Aglibot
Sales One LLC
16 Finch Street
Norwalk, CT 06855

November 16, 2020

CERTIFICATE OF ANALYSIS

Date Submitted: 11/12/2020
20072236-4

XRF Assay Composition

PO Number: NA
Style number: TITLSC262
Sample Desc.: Bar
Sample Date: 11/12/2020

Date Analyzed: 11/16/2020
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.200	%/wt.	Pass
Aluminum	6.200	%/wt.	
Vanadium	4.417	%/wt.	
Iron	0.183	%/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. The sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results.



Analyzed & Documented by: Maggie Eastwood, Quality Manager

Reviewed by: Jeff Mascoli, Laboratory 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 measurement error is within +/- 5.0% 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

Analie Ocariza / Matthew Aglibot
Sales One LLC
16 Finch Street
Norwalk, CT 06855

November 16, 2020

CERTIFICATE OF ANALYSIS

Date Submitted: 11/12/2020
20072236-6

XRF Assay Composition

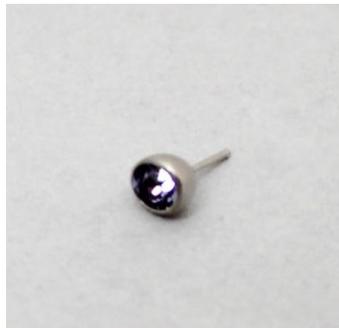
PO Number: NA
Style number: TITLSBLGMTZ-4
Sample Desc.: Round Casting with Post
Sample Date: 11/12/2020

Date Analyzed: 11/16/2020
Analyzed by: ME

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.806	%/wt.	Pass
Aluminum	5.734	%/wt.	
Vanadium	4.357	%/wt.	
Iron	0.103	%/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. The sample was digested and measured for aluminum by inductively coupled plasma (ICP) with the above test results.



Analyzed & Documented by: Maggie Eastwood, Quality Manager

Reviewed by: Jeff Mascoli, Laboratory 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 measurement error is within +/- 5.0% 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

Analie Ocariza / Matthew Aglibot / Andrea Torres
 SalesOne LLC
 16 Finch Street
 Norwalk, CT 06855

June 23, 2020

CERTIFICATE OF ANALYSIS
 Date Submitted: 6/19/2020
 20071445-3

Style number: 14KRG SPLTRNG82
 Item Description: 14KRG SPLTRG 18G 3/8 PLAIN
 Sample Date: 6/17/2020

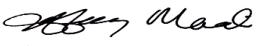
Sample Type: Prop 65
 Analyzed by: ME on 6/23/2020
 Samples submitted by customer, results relate only to items tested.

PASS
California Health & Safety Code, Chapter 6.5, Article 10.1.1, Section 25214.1, 25214.2, 25214.31, 25214.4 & 25214.4.1 (SB647)
Lead in Metal & Surface Coatings: 500 ppm (0.05%/wt)
Lead in Plastics & Rubber: 200 ppm (0.02%/wt)
Cadmium in Substrate: : 100 ppm (0.01%/wt)
Cadmium in Surface Coatings: 100 ppm (0.01%/wt)

Metal components	Lead	Cadmium	Unit
1 14K RG Splint ring	< 20	< 10	ppm
Non-metal components			
N/A			
Surface coatings			
N/A			
Class 1 components - not tested			
N/A			




 Kevin E. Donahue
 Laboratory Director


 Jeff Mascoli
 Laboratory Manager

The reference method was a modified version of USEPA 3050B, USEPA 3052, CPSC-CH-E1001-08.3 and/or CPSC-CH-E1002-08.3 and/or CPSC-CH-E1003-09.1 with instrument parameters set in accordance with Perkin-Elmer Atomic Absorption and Inductively Coupled Plasma Metals Testing procedures for the Analysis of Lead and Cadmium.

Test report shall not be reproduced except in full, without written approval of the laboratory.

Method Reporting Limit for Lead 20 ppm for Metal and 20 ppm for Non-metal & Surface coatings
 Method Reporting Limit for Cadmium 10 ppm for Metal and 10 ppm for Non-metal & Surface coatings

ISO/IEC
 17025:2017
 ACCREDITED

136 Corliss Street, Providence, RI 02904
 Tel (401) 274-9998 • Fax (401) 274-9990
 www.mutualcornell.com

 
 AT - 1404