

MUTUAL CORNELL

Raymond Austin II
Element Body Jewelry
690 Radio Dr
Lewis Center, Ohio 43035

November 16, 2022

CERTIFICATE OF ANALYSIS

Date Submitted: 11/14/22

22077137-1

XRF Assay Composition

PO Number: NA
Style number: 70009845
Sample Desc.: Internally Threaded Circular Barbell with 4mm Bead 14G 1/2" Titanium
Sample Date: 11/10/22

Date Analyzed: 11/16/22
Analyzed by: MS

	Results	Unit	Grade 23 (Pass / Fail)
Titanium	89.603	%/wt.	Pass
Aluminum	5.797	%/wt.	
Vanadium	4.423	%/wt.	
Iron	0.177	%/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 include composition of Nitrogen, Carbon, Hydrogen, or Oxygen which may be present in the alloy.



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 $\pm 5.0\%$, 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.

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