

*****CORRECTED TEST CERTIFICATE 07/31/2018***
 EAR-CONTROLLED DATA**

Date: 7/12/2018
 Purchase Order Number: VERBAL
 Work Order Number: STI002-07-09-70926-2

Reference:	SAMPLE 2 (CUP)***TITANIUM
Specification:	FOR INFORMATION ONLY

ALLOY IDENTIFICATION

Equipment: Niton XL5 Analyzer
Test Method: SOP 6.01 Rev. 6
Quantity Tested: 1
Note: A full chemistry was not performed.

Elemental composition determined by portable XRF gun using semi-qualitative analysis techniques.

MATERIAL IDENTIFIED AS CP-Ti

CHEMICAL ANALYSIS***

Element		Result %	Min %	Max %
C	=	0.01	0.00	0.10
Fe	=	0.35	0.00	0.50
H	=	0.001	0.000	0.015
N	=	0.02	0.00	0.05
O	=	0.16	0.00	0.40
Other, each	<	0.1	0.0	0.1
Other, total	<	0.4	0.0	0.4
Ti	=	Balance	Balance	Balance

Chemical Analysis performed by Optical Emission per SOP 2.02, Revision 22
 Hydrogen, Oxygen and Nitrogen by Fusion per SOP 14.00, Revision 4

MATERIAL IDENTIFIED AS TITANIUM GRADE 4 (UNS R50700 12th EDITION)

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Respectfully submitted



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