

**EXOVA**  
 10005 Freeman Avenue, Santa Fe Springs, CA. 90670  
 Tel: (562) 946-1721 Fax: (562) 944-8389 www.exova.com



Customer: TITANIUM METAL SUPPLY  
 12215 KIRKHAM ROAD  
 POWAY, CA 92064  
 Material: CP Titanium Grade 2  
 Specification: ASTM B265, Rev: 10

PO/SO: 11-3777  
 P/N:  
 Size: 0.012" THK X 8" X 8"

Lab No: 533019 Date: 05/20/11

Heat Number: NOT SUPPLIED  
 Other: SHEET

Misc.: LOT# 11-3709-GR2, Misc.: REP (44) PCS 42" X 90"

**CERTIFICATION OF TEST**

METALLURGY	TENSILE TEST		TEMP'F	STRESSED DIM	STRESSED AREA	TYS @ 0.2% OFF		TENSILE STRENGTH		ELONG (4D)		RED. OF AREA	
	LOC/ORIENTATION					LBS	KSI	LBS	KSI	IN	%	FIN. DIM.	%
	LONG		RT	.0124 T .498 W	.0062	287	46.3	380	61.3	0.653	32.7		
	TRANS		RT	.0123 T .498 W	.0061	270	44.3	376	61.6	0.610	30.5		
	Min. Requirements						40.0		50.0	2.0G	20		
	Max. Requirements						65.0						

Conforms to requirements.

MEM PAGE: 1 of 1

EXOVA submits this certification as the confidential property of our client. It shall not be reproduced except in full, without the written approval of EXOVA. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under federal law.



Signed for and on behalf of Exova

*Victor Landero*  
 Victor Landero, Operation Manager  
 EXOVA

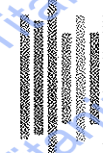
Accredited  
  
 Materials Testing Laboratory

**EXOVA**

10005 Freeman Avenue, Santa Fe Springs, CA. 90670

Tel: (562) 946-1721 Fax: (562) 944-8389 www.exova.com

**EXOVA**



Customer: TITANIUM METAL SUPPLY  
12215 KIRKHAM ROAD  
POWAY, CA 92064  
Material: CP Titanium Grade 2  
Specification: ASTM B265, Rev: 10

PO/SO: 11-3777

P/N:  
Size: 0.012" THK X 8" X 8"

Lab No: 533019

Date: 05/20/11

Heat Number: NOT SUPPLIED  
Other: SHEET

Misc.: LOT# 11-3709-GR2, Misc.: REP (44) PCS 42" X 90"

**CERTIFICATION OF TEST**

CHEMISTRY ELEMENT	MINIMUM REQ'S	MAXIMUM REQ'S	ACTUAL	COMMENTS
Unless otherwise indicated all units are in weight %				
N2 Nitrogen		0.03	0.01	
C Carbon		0.08	0.02	
H2 Hydrogen		0.015	0.002	
Fe Iron		0.30	0.11	
O2 Oxygen		0.25	0.09	
OE Other Elements Each		0.1	0.1	Less than
OET Other Elements Total		0.4	0.4	Less than
Ti Titanium	BAL		BAL	

Conforms to requirements.

Comment: METHOD: XRF, COMBUSTION, IGF.

MEM PAGE: 2 of 2

EXOVA submits this certification as the confidential property of our client. It shall not be reproduced except in full, without the written approval of EXOVA. The recording of false, fictitious or fraudulent statements or entries on this document may be punished as a felony under federal law.



Signed for and on behalf of Exova

*Victor Landero*  
Victor Landero, Operation Manager

EXOVA



Materials Testing Laboratory