

Plant Id and Name: T8 MATERIALS CONTROL LABORATORIES
 Project NO: QTS19847
 Sample ID: S-12-044811
 Batch NO: T8168581
 Received Date: 10/4/2012

Heat ID: QTS19847
 Sample Type: T8NA
 Job ID: T8NA
 Serial NO: T8NA
 Melt ID: T8NA
 Section: T8NA
 Ingot Code: TI-6-4
 Alloy: TI-6-4

Vendor: Alloy Furnace
 % Revert: % Prime
 % Virgin: Balance
 Lot Number: Ti

Customer: Customer Part ID: ASTM F136
 Base Spec: 11
 Rev: Amend Eng Class Test Reason: Q

Chemistry	Specifications				
	Result	Units	Min	Max	Method
Aluminum (Al)	6.49	%	5.5	6.50	ICP
Boron (B)	<0.01	%		0.0014	ICP
Carbon (C)	0.01	%		0.08	Combustion
Chromium (Cr)	<0.01	%		0.10	ICP
Cobalt (Co)	<0.01	%		0.10	ICP
Copper (Cu)	<0.01	%		0.10	ICP
Hydrogen (H)	0.006	%		0.012	Combustion
Iron (Fe)	0.02	%		0.25	ICP
Magnesium (Mg)	<0.01	%		0.10	ICP
Manganese (Mn)	<0.01	%		0.10	ICP
Molybdenum (Mo)	<0.01	%		0.10	ICP
Nickel (Ni)	<0.01	%		0.10	ICP
Nitrogen (N)	<0.01	%		0.05	Combustion
Oxygen (O)	0.05	%		0.13	Combustion
Silicon (Si)	0.01	%		0.10	ICP
Tin (Sn)	<0.01	%		0.10	ICP
Vanadium (V)	4.2	%	3.5	4.5	ICP
Yttrium (Y)	<0.01	%		0.10	ICP
Zirconium (Zr)	<0.01	%		0.10	ICP

Remarks

TESTING PERFORMED FOR:
 Flawless Jewelry
 7410 Coca Cola Drive #107
 Hanover, Md 21076

Approved By: Regina Starr, Chemical Analyst
 Reported Results Meet All Specification Requirements

Date Approved: 10/8/2012