

EH00038006

9200897357

10/1/19



VALBRUNA

CLATER STAINLESS, INC.

2400 Taylor Street West, P.O. Box 639  
Fort Myers, Florida USA 33901  
Phone: 239-434-2822 Fax: 239-434-0305

Product Certification Report

Report Number: 4455200

Certified on Jun 15, 2009 Page 1 of 1

Order No.	Order Date	Ordering Code			
0900917 013	5/08/09				
Qty 1	Qty 2	Qty 3	Weight	Customer ID	Customer Purchase Order
6-2500	.0000	.0000	247510	002474	24831
Product Shape	Product Finish	Customer Grade			
Rounds	HR & Rough Turned	316/316L			
Length (Inches)	Weight				
120.000 Min. 168.000 Max.	410289				

Skip To  
VALBRUNA STAINLESS, INC.  
13950 HENSON AVENUE  
CHINO, CA 91710

247510

Sold To  
VALBRUNA CORP.  
31 IRON HORSE ROAD  
OAKLAND, NJ 07436

WATER: 0053-0057		
NIL-S-7720A AMEND 1 XCEPT Cu	NIL-S-862B	NACE MR0175 ISO 15156
UNS S31600/S31603		ASTMA 182-08a Chem Only
ASTMA 193-08b	ASTMA 276-08a	ASTMA 320-02
ASTMA 479-08	ASTMA 484-08	ASME SA182 01KD Chem Only-03AD
ASME SA 193 01 ED 2002AD	ASME SA 479-07	ASME SA 484 01 ED 2002 ADD
AMS 5648K	AMS 5657F	SAR-AMS 00-S-763B

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
0.16	1.74	.028	.023	.56	16.65	10.09	2.01	.61	.09	.06

TENSILE PROPERTIES

TS (PSI)	YKTS (PSI)	EL(2")	RA
86400	41800	64.8	77.3

MACRO ASTM E340/E381  
MACRO  
OK  
OK

GRAIN SIZE ASTM E112  
GRAIN SIZE  
7

ASTM A 262 PRAC E(A Utilized)  
OXALIC  
OK

Free of mercury and low melting alloy contamination.  
Heated to 1900F min. and water quenched (heating time & temp appropriate for optimum quality).  
No welding or weld repair done.  
Electric Furnace melted; AOD refined.  
Chemical testing performed to one or several of the following ASTM methods: E415, E572, E1019, E1093, E1086.  
No mercury or low melting alloy contamination. No weld repair.  
Material melted in Italy, manufactured in the United States.  
Material conforms to listed specifications.  
Quality system is compliant with ISO 9001:2000. Produced in accordance with EN 10204 3.1.

Results relate only to the tests tested. Certification shall not be reproduced except in full, without written approval of Valbruna Stainless Inc. The recording of false, fictitious, or fraudulent statements on this document may be punished as a felony under federal statutes, including Federal law, Title 18, Chapter 47. Consult material safety data sheet (MSDS) for hazard info.  
I hereby certify that the reported figures are correct as contained in the records of the corporation.

Manager Laboratory Services  
*Dennis Hackett*  
Dennis Hackett

Received Time Sep. 30. 4:24PM