



**VALBRUNA**  
**SLATER STAINLESS, INC.**  
 2400 Taylor Street West, P.O. Box 630  
 Fort Wayne, Indiana USA 46801  
 Phone: 260-434-2892 Fax: 260-434-2905

**Product Certification Report**

Report Number: **4244070**

Certified on Dec 14, 2006 Page 1 of 1

Order I.D. 0603206 005		Order Date 11/14/06		Commodity Code	
Dim 1 6.2500	Dim 2 .0000	Dim 3 .0000	Heat I.D. 242553	Customer I.D. 002476	Customer Purchase Order 611001724
Product Shape Rounds			Product Surface HR & Rough Turned		Customer Grade 316/316L
Length (Inches) 120.000 Min. 168.000 Max.			Blot of Lading # 404543	Weight	

**Ship To**  
 Attention: KEVIN MACNEIL  
 VALBRUNA CANADA LTD.  
 8724 HOLGATE CRESCENT  
 MILTON, ONTARIO L9T5Z1

**Sold To**  
 VALBRUNA CANADA LTD.  
 8724 HOLGATE CRESCENT  
 MILTON, ONTARIO L9T5Z1

Lifts: 0059 0071 0079

NACE MR-0175 ISO 15156      ASTM 276-06      ASTM 479-05

ASMESA 479 04

**CHEMICAL ANALYSIS**

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.015	1.77	.030	.025	.56	16.78	10.23	2.05	.57	.09	.07
HB										
171										

**TENSILE PROPERTIES**

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
88100	48000	56.9	75.4

MACRO ASTM E340/E381

MACRO

OK

OK

GRAIN SIZE ASTM E112

GRAIN SIZE

7

ASTM A 262 PRAC E(A Utilized)

OXALIC

OK

Heated to 1900F min. and water quenched (heating time & temp appropriate for optimum quality).  
 Chemical testing performed to one or several of the following ASTM methods: E415, E572, E1019, E1085, 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 3.1B.

Results relate only to the items 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

E14932