



**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

245215

**Product Certification Report**

**Report Number: 4346860**

**Certified on Mar 14, 2008 Page 1 of 1**

Order I.D. 0800435 013		Order Date 2/15/08		Commodity Code 316D3.0RT			
Dim 1 3.0000	Dim 2 .0000	Dim 3 .0000	Heat I.D. 245215	Customer I.D. 002476	Customer Purchase Order 802001919		
Product Shape Rounds			Product Surface HR & Rough Turned			Customer Grade 316/316L	
Length (inches) 132.000 Min. 156.000 Max.			Bill of Lading # 407315	Weight			

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

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

**Lifts: 0059 0060**  
NACE MR-0175 ISO 15156                      ASTMA 276-06                      ASTMA 479-06a  
ASMESA 479 06

**CHEMICAL ANALYSIS**

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.010	1.45	.029	.030	.48	16.73	10.17	2.03	.51	.10	.07

HB  
169

**TENSILE PROPERTIES**

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
88700	48400	57.4	76.6

**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.

E16418

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

- Laboratory Services  
*Dennis Hackett*  
Dennis Hackett