

HT# 415637

**Product Certification Report**

**Report Number: 4079090**



**VALBRUNA**

SLATER STAINLESS, INC.  
2400 Taylor Street West, P.O. Box 630  
Fort Wayne, Indiana USA 46801  
Phone: 260-434-2882 Fax: 260-434-2905

Certified on May 31, 2005 Page 1 of 1

Order I.D. 0500380 008		Order Date 2/24/05		Commodity Code			
Dim 1 6.2500	Dim 2 .0000	Dim 3 .0000	Metal I.D. 415637	Customer I.D. 002476	Customer Purchase Order 502001311		
Product Shape Rounds			Product Surface HR & Rough Turned			Customer Grade 316/316L	
Length (Inches) 120.000 Min. 168.000 Max.			Bill of Lading # 401327	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: 0070

NACE MR-01075 ISO 15156

ASTMA 276-04

ASTMA 479-04

ASMEGA 479 04

**CHEMICAL ANALYSIS**

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.018	1.75	.029	.023	.53	16.84	10.14	2.02	.46	.09	.08

HB

160

**TENSILE PROPERTIES**

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
86200	42200	58.5	75.6

MACRO ASTM E340/E381

MACRO

OK

GRAIN SIZE ASTM E112

GRAIN SIZE

5

ASTM A 262 PRAC E (A Utilized)

OXALIC

OK

No mercury or low melting alloy contamination. No weld repair.

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.

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 Hacken*

Dennis Hacken

E 12626

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