

247691



VALBRUNA

SLATER STAINLESS, INC.
 2400 Taylor Street West, P.O. Box 630
 Fort Wayne, Indiana USA 46801
 Phone: 260-434-2992 Fax: 260-434-2905

Product Certification Report

Report Number: 4414642

Certified on Dec 01, 2008 Page 1 of 1

Order I.D. 0802410 003		Order Date 11/04/08		Commodity Code 316D3.0RT		F18554	
Dim 1 3.0000	Dim 2 .0000	Dim 3 .0000	Heat I.D. 247691	Customer I.D. 002476	Customer Purchase Order 811002069		
Product Shape Rounds			Product Surface HR & Rough Turned			Customer Grade 316/316L	
Length (Inches) 132.000 Min. 156.000 Max.			Blk of Loting# 409220	Weight			

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

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

Lifts: 0017 0018 0019

NACE MR0175 ISO 15156 03ed. *ASTMA 182-07a Chem Only ASTMA 276-08
 ASTMA 479-06a ASMESA 479 06

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.015	1.51	.030	.024	.57	16.62	10.12	2.06	.62	.09	.06

HB
163

TENSILE PROPERTIES

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
88400	54700	54.9	74.9

MACRO ASTM E340/E381

MACRO
OK
OK

GRAIN SIZE ASTM E112

GRAIN SIZE
6

ASTM A 262 PRAC E(A Utilized)

OXALIC
OK

Heated to 1900F min. and water quenched (heating time & temp appropriate for optimum quality).

*Certification revised at Valbruna by D. Hackett (1/8/09).

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

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