

248191.

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: 4449140

Certified on May 13, 2009 Page 1 of 1

Order ID 0900725 006		Order Date 5/05/09		Commodity Code 304D8.0	
Dim 1 8.0000	Dim 2 .0000	Dim 3 .0000	Heat ID 248191	Customer I.D. 002476	Customer Purchase Order 905002247
Product Shape Rounds			Product Surface HR & Rough Turned		Customer Grade 304/304L
Length (inches) 120.000 Min. 168.000 Max.			Bill of Lading # 410151	Weight	

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

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

Life's: 0033 0034

CONDITION A	QQ-S-763F	ASTMA 276-08a
ASTMA 479-08	ASTMA 484-08	AMS 5639H
AMS 5647H	ASMESA 479_01 Ed 2002add	SAE-AMS QQ-S-763F

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Cs	N
.023	1.93	.029	.024	.56	18.25	8.38	.77	.57	.10	.09

RE  
192

TENSILE PROPERTIES

TS (PSI)	.2%YS (PSI)	SEL(2")	%RA
87900	44600	62.2	71.7

MACRO ASTM E340/E381

MACRO  
OK  
OK  
OK

GRAIN SIZE ASTM E112

GRAIN SIZE

ASTM A 262 PRAC E(A Utilized)

OXALIC

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 3.1.

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

*Denms Hackett*

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