



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

248141

Product Certification Report

Report Number: **4437340**

Certified on Mar 10, 2009 Page 1 of 1

Order I.D. 0900399 008		Order Date 3/04/09		Commodity Code 304D6.25			
Dim 1 6.2500	Dim 2 .0000	Dim 3 .0000	Heat I.D. 248141	Customer I.D. 002476	Customer Purchase Order 903002178		
Product Shape Rounds			Product Surface HR & Rough Turned			Customer Grade 304/304L	
Length (Inches) 120.000 Min. 168.000 Max.			Bill of Lading # 409814	Weight			

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

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

Lifts: 0020 0022 0023 0025

CONDITION A	QQ-S- 763F	ASTMA 276-08
ASTMA 479-06a	ASTMA 484-08	AMS 5639H
AMS 5647H	ASMESA 479 01 Ed 2002add	SAE-AMS QQ-S-763B

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.017	1.98	.030	.025	.63	18.18	8.25	.47	.50	.10	.09

HB
175

TENSILE PROPERTIES

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
88400	48900	60.8	76.1

MACRO ASTM E340/E381

MACRO
OK
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 3.1.

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

Dennis Hackett