

250828



VALBRUNA

SLATER STAINLESS, INC.
 2400 Taylor Street West, P.O. Box 630
 Fort Wayne, Indiana USA 46801
 Phone: 260-434-2892 Fax: 260-434-2895

Product Certification Report

Report Number: 4532290

Certified on Apr 21, 2010 Page 1 of 1

Order I.D. 1001042 023		Order Date 4/19/10		Commodity Code CO11036	
Dim 1 6.0000	Dim 2 .0000	Dim 3 .0000	Mat I.D. 250828	Customer I.D. 002476	Customer Purchase Order 004002692
Product Shape Rounds			Product Surface HR & Rough Turned		Customer Grade 304/304L
Length (Inches) 132.000 Min. 156.000 Max.			Bill of Lading # 411853	Weight	

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

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

Lifts: 0054 0057

CONDITION A	DIN 50049 PARA 3.1B	MAXIVAL
QQ-S-763F	UNS S30400	ASTMA 182-09a Chem Only
ASTMA 276-08a	ASTMA 479-08	ASTMA 484-08
ASMESA 182 07 ED Chem Only	ASMESA 479-07	ASTMA 262-02a Practice B
AMS 5639H		

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
0.21	2.00	0.30	0.30	.51	18.55	8.50	.58	.63	.12	.09

BRINELL HARDNESS ASTM E10-08

HBW
184

TENSILE PROPERTIES ASTM E8-08

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
88400	42400	62.6	77.4

MACRO ASTM E340-00/E381-01

MACRO
OK
OK
OK

GRAIN SIZE ASTM E112-96

GRAIN SIZE	Etchant	Magnification X
8	Oxalic	100

ASTMA 262-02a PR B(A Utilized)

OXALIC	Etchant	Magnification X
OK	Oxalic	500

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

Chemical testing performed to one or more of the following ASTM methods: E415-08, E572-02a, E1019-08, E1085-95,

Location of tensile fracture: inside middle of gage length.

Chemical Analysis performed at Acciaierie Valbruna, Italy.

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

Material melted in Italy, manufactured in the United States.

Material conforms to listed specifications and is DFARS compliant.

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

 Dennis Hackett