

426540-7"

C129902



VALBRUNA

SLATER STAINLESS, INC.
2400 TAYLOR STREET WEST - PO BOX 630
FORT WAYNE IN 46802 USA
PHONE 260.434.2800 - FAX 260.434.2801

Product Certification Report

Report Number: **5027331**

Certified on Jul 18, 2014 Page 1 of 2

Order I.D. 1401521 001		Order Date 6/03/14		Commodity Code		
Dim 1 7.0000	Dim 2 .0000	Dim 3 .0000	Heat I.D. 426540	Customer I.D. 002476	Customer Purchase Order 406004793	
Product Shape Rounds		Product Surface HR & Rough Turned			Customer Grade 304/304L	
Length (Inches) 120.000 Min. 168.000 Max.			Bill of Lading # 422297	Weight	Melt Date: 3/17/14	

Ship To

VALBRUNA CANADA LTD.
8724 HOLGATE CRESCENT
MILTON, ONTARIO L9T5Z1

Sold To

VALBRUNA CANADA LTD.
8724 HOLGATE CRESCENT
MILTON, ONTARIO L9T5Z1

Lifts: 0014 0015 0016

Condition A *NACE MR0175/ISO 15156-3 2009 ASTM A479-13b
AMS 5639H AMS 5647J SAE-AMS QQ-S-763C
EN 10272 Feb. 2008

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	N
.025	1.93	.034	.023	.51	18.11	8.11	.38	.60	.09

BRINELL HARDNESS ASTM E10-12

HBW (A. device)
170

TENSILE PROPERTIES ASTM E8-13a

TS (PSI)	.2%YS (PSI)	1%Y.S. (PSI)	%EL(2")	%EL(5d)	%RA
86400	38500	41000	73.4	70.0	79.8

MACRO ASTM E340-13/E381-01

MACRO
OK
OK
OK

GRAIN SIZE ASTM E112-13

GRAIN SIZE	Etchant	Magnification X
6	Oxalic	100

ASTM A262-13 PR E(A Utilized)

OXALIC	Etchant	Magnification X
OK	Oxalic	500

ASTM A 262 (Prac E) 180deg,

BEND TEST
OK

Solution annealed at 1900F min. and water quenched (heating time & temp appropriate for optimum quality).

*Certification revised at Valbruna by D. Hackett (8/31/15).

Chemical testing to one or more of the listed ASTM methods:

E415-14, E572-13, E1019-11, E1085-09, E1086-14.

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.

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

email DHackett@valbruna.us

Dennis Hackett

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 MILTON, ONTARIO L9T5Z1

Material melted in Italy, manufactured in the United States.
 Material conforms to listed specifications and is DFARS compliant.
 Quality system is compliant with ISO 9001:2008. Produced in accordance with EN 10204 3.1.

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Dennis Hackett

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