

PO 1577

250857

C+B
PO 76190 W05499 CPA 6W1040

PO: 5400064715
GR: 9300618059



VALBRUNA

SLATER STAINLESS, INC.
2400 Taylor Street West, P.O. Box 830
Fort Wayne, Indiana USA 46801
Phone: 260-434-2892 Fax: 260-434-2905

Product Certification Report

Report Number: 4546470

Certified on May 28, 2010 Page 1 of 2

Order ID:	Order Date	Commodity Code				
1001412 003	5/24/10	304D6.5				
Dim 1	Dim 2	Dim 3	Heat ID	Customer ID	Customer Purchase Order	
6.5000	.0000	.0000	250857	002474	27274	
Product Shape	Product Surface		Customer Grade			
Rounds	HR & Rough Turned		304/304L			
Length (Inches)	Bill of Lading #	Weight				
120.000 Min. 168.000 Max.	412107					

Ship To
VALBRUNA STAINLESS, INC.
13950 BENSON AVENUE
CHINO, CA 91710

Sold To
VALBRUNA CORP.
31 IRON HORSE ROAD
OAKLAND, NJ 07436

OK
9/17/11

Lifts: 0022

MIL-S-862B	NACE MRO 175-05 ISO 15156	UNS S30400 and S30403
ASTMA 276-08a	ASTMA 182-09a Chem Only	ASTMA 193-09
ASMESA 182 07 ED Chem Only	ASTMA 479-08	ASTMA 484-08
ASMESA 479-07	ASMESA 193 07 ED	ASMESA 320 01 ED 2002 AED
ASTMA 320-08 GR B8	AMS 5639H	AMS 5647H
	SAR-AMS QQ-S-763E	ASTM A314-C8

CHEMICAL ANALYSIS

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.016	1.96	.030	.024	.49	18.24	8.26	.35	.40	.12	.08

BRINELL HARDNESS ASTM E10-08

HBW
184

TENSILE PROPERTIES ASTM E8-08

TS (PSI)	.2%YS (PSI)	%EL(2")	%RA
87200	37200	69.1	76.0

MACRO ASTM E340-00/E361-01

MACRO
OK
OK
OK

GRAIN SIZE ASTM E112-96

GRAIN SIZE	Etchant	Magnification X
8	Oxalic	100

ASTMA 262-02a PR E(A Utilized)

Oxalic	Etchant	Magnification X
OK	Oxalic	500

Free of mercury and low melting alloy contamination.

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

No welding or weld repair done.

Electric Furnace melted; AOD refined.

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.

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

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2400 Taylor Street West, P.O. Box 630
Fort Wayne, Indiana USA 46801
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Product Certification Report

Report Number: **4546470**

Certified on May 28, 2010 Page 2 of 2

Order I.D. 1001412 003		Order Date 5/24/10		Commodity Code 304D6.5	
Dim 1 6.5000	Dim 2 .0000	Dim 3 .0000	Heat I.D. 250857	Customer I.D. 002474	Customer Purchase Order 27274
Product Shape Rounds			Product Surface HR & Rough Turned		Customer Grade 304/304L
Length (Inches) 120.000 Min. 168.000 Max.			Bill of Lading # 412107	Weight	

Ship To

VALBRUNA STAINLESS, INC.
13950 BENSON AVENUE
CHINO, CA 91710

Sold To

VALBRUNA CORP.
31 IRON HORSE ROAD
OAKLAND, NJ 07436

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.

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Manager Laboratory Services

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