



**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

418164

**Product Certification Report**

**Report Number: 4220890**

**Certified on Sep 27, 2006 Page 1 of 1**

Order I.D. <b>0602662 002</b>		Order Date <b>9/12/06</b>		Commodity Code			
Dim 1 <b>6.2500</b>	Dim 2 <b>.0000</b>	Dim 3 <b>.0000</b>	Heat ID. <b>418164</b>	Customer I.D. <b>002476</b>	Customer Purchase Order <b>609001686</b>		
Product Shape <b>Rounds</b>			Product Surface <b>HR &amp; Rough Turned</b>			Customer Grade <b>304/304L</b>	
Length (Inches) <b>120.000 Min. 168.000 Max.</b>			Bill of Lading # <b>403953</b>	Weight			

**Ship To**  
 Attention: KEVIN MACNEIL  
 VALBRUNA CANADA LTD.  
 8724 HOLGATE CRESCENT  
 MILTON, ONTARIO L9T5Z1

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

**Lifts: 0050 0053**  
 CONDITION A QQS 763F ASTMA 276-06  
 ASTMA 479-05 ASTMA 484-03A AMS 5639H  
 AMS 5647H ASMESA 479 01 Ed 2002add SAE-AMS QQ-S-763A

**CHEMICAL ANALYSIS**

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.015	1.98	.025	.023	.53	18.23	8.28	.42	.69	.08	.10

HB  
178

**TENSILE PROPERTIES**

TS (PSI)	.2%YS (PSI)	%EL(2')	%RA
87800	43800	59.5	75.4

**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 3.1B.

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

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