



VALBRUNA

SLATER STAINLESS, INC.

2400 TAYLOR STREET WEST
 FORT WAYNE IN 46802 USA
 PHONE 260.434.2800 - FAX 260.434.2801

Product Certification Report

Report Number: **6223880**

Certified on May 28, 2024 Page 1 of 2

Order I.D. OA24000964 0020		Order Date 4/28/24	Commodity Code 316D0.5		
Dim 1 .5000	Dim 2 .0000	Heat I.D. 290536	Customer I.D. 0008000061	Customer Purchase Order 87425	
Product Shape Round		Product Surface Cold Drawn Finish		Customer Grade 316/316L	
Length (Inches) 144.000		Min. 148.000	Max. 148.000	Bill of Lading # PL24002706/1	Weight 002762 LBS

Lifts: 0006

Condition A	EN 10204 3.1	NACE MR0175-15
NACE MR0103-2015	QQ-S-763F	UNS S31600/S31603
ASTM A182-23 Bar Form	ASTM A276-24A	ASTM A314-23
ASTM A479-23A	ASTM A484-24	ASME SA182 21(23) Bar Form
ASME SA479-21 (2023)	ASME SA484 21(2023)	ASME SA320-22(2023) B8M CL.1
ASME SA276 17(2023)	ASTM A320-22A	AMS 5653J
AMS 5648N	SAE-AMS QQ-S-763D	ASTM A473-23A (Chem)
ROHS COMPLIANT	ASTM A193-23 GR B8M CL.1	

CHEMICAL ANALYSIS (Weight %)

C	Mn	P	S	Si	Cr	Ni	Mo	Cu	Co	N
.016	1.52	.030	.026	.57	16.61	10.00	2.00	.52	.14	.059

BRINELL Type A device E10-23

HBW
235

ROOM TEMP TENSILE ASTM E8-22

TS (PSI)	.2%YS (PSI)	%EL (4d)	%RA
111000	89700	32.1	74.7

MACRO ASTM E340-23/E381-22

MACRO
OK

GRAIN SIZE ASTM E112-13(21)

GRAIN SIZE	Etchant	Magnification X
7	Oxalic	100

ASTM A262-15(21) PR E-A Utilize

OXALIC	Structure	Etchant	Magnification X	SENS (F)	SENS (HR)
OK	Step	Oxalic	500	1250	1.50

No welding or weld repair done.

Material when shipped is free from contamination be mercury, radium, alpha source, and low melting elements.

Reduction Ratio Exceeds 4:1

Electric Furnace melted; AOD refined.

Valbruna has complied with all producer requirements of AS6279B.

Chemical Composition tests in accordance with ASTM A751-21.

Location of tensile fracture: inside middle of gage length. %elong after fracture.

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.

Quality Manager

Randy Kline

email: certrequest@valbruna.us



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Length (Inches) 144.000 Min. 148.000 Max.		Bill of Lading # PL24002706/1	Weight 002762 LBS		

Ship To
 VALBRUNA STAINLESS, INC
 1405 PROGRESS IND. BLVD.
 LAWRENCEVILLE, GA 30043

Sold To
 VALBRUNA STAINLESS INC.
 2400 TAYLOR STREET WEST
 FORT WAYNE, IN, IN 46802

LADLE CHEMICAL ANALYSIS PERFORMED AT ACCIAIERIE VALBRUNA, ITALY.
 No mercury or low melting alloy contamination. No weld repair.
 EAF/AOD MELTED AND Poured IN ITALY. MANUFACTURED IN THE UNITED STATES.
 Conforms to listed specifications. DFARS-BAA 252.225-7009 compliant. Heat treat furnaces-air atmosphere.
 Quality system is compliant with AS9100D & ISO 9001:2015. Produced in accordance with EN 10204 3.1.

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