



**NORTH AMERICAN
STAINLESS**

METALLURGICAL TEST REPORT

R192746
6870 Highway 42 East
Ghent, KY 41045-9615
(502) 347-6000

Certificate: 693632 09 Mail To: EARLE M. JORGENSEN COMPANY Ship To: EARLE M. JORGENSEN COMPANY Date: 5/20/2021 Page: 1 Of 1
1900 MITCHELL BLVD. 1900 MITCHELL BLVD. Steel: 316/316L
SCHAUMBURG IL 60193 SCHAUMBURG IL 60193 Finish: Hot Finish
Customer: 0245 001 Dia/Thk: 3.2500 in
NAS Order: LM 61609 20 Red Ratio: 7.0 :1 Heat Treat Code: 64,632 Leg Length: 144.00 in
Your Order: P151467-423 Item Code: 509352 Corrosion: ASTM A262/15 Prac A/E OK

PRODUCT DESCRIPTION:

Round Bar, Hot Rolled, Annealed, Rough Turned
UNS S31600/S31603 EN 10204 3.1, ASTM A484/20b
ASTM A276/17, ASTM A479/20, ASTM A182/20 CHEM ONLY,
ASME SA479/19, ASME SA182/20 CHEM ONLY,
AMS 5648/M, AMS 5653/J, AMS-QQS-763/D, QQS:763/F
NACE MR0175/15(MID RADIUS ONLY), MR0103/15(MID RADIUS ONLY)
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/18 CL 1 GR B8M
ASME SA193/19 CL 1 GR B8M(EXC PAR 7.3.1)
GRAIN SIZE = 6-8, ASTM A193/20, CL 1 GR B8M(EXC PAR 6.2.1)

REMARKS:

COMPLIES W/REQUIREMENTS OF D FAR 252.225-7009 EU DIRECTIVE
2011/65/EU.RoHS. EAF+AOD+CC. NO WELD REPAIR. MELTED AND MFG
IN USA FREE FROM MERCURY AND LOW MELTING ALLOY CONTAMINATION

Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight	Bundle Weight
BL89486	3227								

ANAB, ISO/IEC 17025, Certificate# L2323

CHEMICAL ANALYSIS CM(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan)

Chemical Analysis per ASTM A751/20

NAS Heat	Supplier Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
L94R		US	.017	.29	16.71	.35	1.39	2.007	.040	10.54	.028	.0220
			SI %									
			.25									

MECHANICAL PROPERTIES

l o i c e r	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 4D
BL89486 R L	149.0	32.60	83.14	77.14	58.08

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS

Technical Dept. Mgr.

KRIS LARK

NAS