



North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

C283138

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

Certificate: 673121 1 Mail To: Ship To: Date: 3/04/2021 Page: 1
Customer: 007226 003 ASA ALLOYS ASA ALLOYS Steel: 304/304L
#100, 112 STRATHMOOR DRIVE #100, 112 STRATHMOOR DRIVE Finish: RT
SHERWOOD PARK, AB T8H 2B7 SHERWOOD PARK, AB T8H 2B7 Corrosion: ASTM A262/15 Prac A/E OK
Your Order: P050687 NAS Order: IN 0288239 01 Heat Treat Code: 63,555 Red Ratio: 4.7 :1

PRODUCT DESCRIPTION:

NACE MR0175/15 (MID RADIUS ONLY)
Round Bar, Hot Rolled, Annealed, Rough Turned
UNS S30400/S30403 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, ASTM F899/20
AMS 5639/J, AMS 5647/K, AMS-QQS-763/D, QQS:763/F
SOLUTION ANNEAL TEMP 1900F MIN, ASTM A320/18 CL 1 GR B8
ASME SA193/19 CL 1 GR B8 (EXC PAR 7.3.1)
GRAIN SIZE = 6-8, ASTM A193/20 CL 1 GR B8 (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

Product Id	Skid #	Diameter	Size	Weight	-----Length-----	Mark	Pieces	Commodity Code
BL7352 6		4.0000		1,065	144.00	1	1	

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 A751/14a

NAS Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %
L14C	US	.022	.19	18.25	.44	1.46	.395	.071	8.57	.031
		S %	SI %							
		.0235	.30							

MECHANICAL PROPERTIES

Product Id	l o i c r	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 4D
BL7352 6	R L	180.0	46.00	90.00	66.00	45.00

Aug 10/21

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 3/04/2021

NAS