



**NORTH AMERICAN  
STAINLESS**

**METALLURGICAL TEST REPORT**

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

Certificate: 744682 01 Mail To:  
Customer: 1310 026

Ship To:

Date: 12/14/2021 Page: 1

Steel: 304/304L

Finish: HRAP

Your Order: 749323

NAS Order: AN 0964684 01

Corrosion: ASTM A262/15;180Bend-OK

**PRODUCT DESCRIPTION:**

STAINLESS STEEL COIL, HRAP; UNS 30400/30403  
ASTM A240/20a,A480/20a,A666/15;ASME SA240/19,SA480/19,SA666/19  
CHEM ONLY ON FOLLOWING ASTM: A276/17,A479/20,A484/20b,A312/21  
CHEM ONLY ON FOLLOWING ASME: SA312/19,SA479/19  
  
AMS 5511K/5513J XMRK; MIL-S-5059D AMD3(X CRN MEAS); MIL-4043B  
NACE MR0175/ISO 15156-3:2015 A, MRO103/07;QQS766D-A X MAG PERM  
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

**REMARKS:**

Mat'l is Free of Mercury Contamination. No weld repairs.  
EN 10204:2004 3.1; RoHS 1, 2 & 3 Compliant  
Material is Free of Radioactive Contamination  
Steel Making Process: EAF, AOD, & Cont. Casting  
Product Mfg.by a Quality Mgt.Sys. in Conf. w/ISO 9001

Product ID #	Coil #	Thickness	Width	Weight	-----Length-----	Mark	Pieces	COMMODITY CODE
03P68R A	* 03P68R A	.1250	48.0000	27,060	COIL	1296.0	2	1 A240/304L

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

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
P68R	US	.0122	18.0935	.4830	1.6280	.3720	.0709	8.0545	.0310	.0019
		SI %								
		.3235								

**MECHANICAL PROPERTIES**

Product ID #	Coil #	l o c a t i o n	UTS KSI	20C .2% YS KSI	20C ELONG %-2"	% Hard RB	Tail Hard
03P68R A	03P68R A	F T	93.55	50.30	48.56	87.00	85.00

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 12/15/2021