

METALLURGICAL TEST REPORT

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

Certificate: 933869 03 Mail To:

Ship To:

Date: 7/18/2024 Page: 1 Of 1

Steel: 304/304L

Finish: HRAP

Dia/Thk: .1875 in

Leg Length: 1.5000 in

Length: 252.00 in

Corrosion: ASTM A262/15 Prac A/E OK

Customer: 0305 001

NAS Order: LR 43383 1

Heat Treat Code: 80,823

Your Order: 114338

Item Code:

PRODUCT DESCRIPTION:

Angle
UNS S30400/S30403, EN10204 3.1
ASTM A276/24a, ASTM A479/23a
ASME SA479/21, AMS 5639/J, AMS 5647/L
AMS-QQS-763/D, QQS:763/F, ASME SA 276/17
SOLUTION ANNEAL TEMP 1900F MIN

REMARKS:

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7014 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
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VD80365 1428

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 %
BK8R		US	.025	.22	18.03	.45	1.73	.394	.067	8.05	.031	.0010
			SI %									
			.18									

MECHANICAL PROPERTIES

	l o c	d i r	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 2"
VD80365	R	L	215.0	77.04	109.07	67.24	37.62

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.


DANIEL HARGETT