

METALLURGICAL TEST REPORT

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

Certificate: 867077 01

Date: 8/14/2023 Page: 1 Of 1

Customer: 0305 009

Steel: 304/304L

Finish: HRAP

NAS Order: LR 19833 1

Heat Treat Code: 77,130

Dia/Thk: .2500 in

Leg Length: 3.0000 in

Your Order: 603762

Item Code: 5002

Length: 252.00 in

Corrosion: ASTM A262/15 Prac A/E OK

PRODUCT DESCRIPTION:

REMARKS:

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

COMPLIES W/REQUIREMENTS OF DFAR 252.225-7014 EU DIRECTIVE
2014/65/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
VD69188	1160	VD69189	1268						

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 %
Y70H		US	.024	.21	18.13	.45	1.79	.439	.072	8.26	.032	.0010
			SI %									
			.36									

MECHANICAL PROPERTIES

	l o c k	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 2"
VD69188	R L	239.0	92.50	114.20	55.20	35.43
VD69189	R L	239.0	92.50	114.20	55.20	35.43

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