

METALLURGICAL TEST REPORT

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

Certificate: 874222 07

Date: 9/22/2023 Page: 1 Of 1

Customer: 0305 009

Steel: 304/304L

NAS Order: LR 22500 1

Finish: HRAP

Your Order: 604672

Item Code:

Heat Treat Code: 77,458

Dia/Thk: .2500 in

Leg Length: 2.0000 in

Length: 252.00 in

Corrosion: ASTM A262/15 Prac A/E OK

PRODUCT DESCRIPTION:

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

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
VD70380	1040	VD70381	1298						

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 %
AB1V		US	.013	.24	18.07	.44	1.84	.428	.050	8.29	.036	.0031
			SI %									
			.22									

MECHANICAL PROPERTIES

	l o i c	d i r	HB	.2YS	UTS	RA	E _l ng
			No.	KSI	KSI	%	% 2"
VD70380	R	L	237.0	79.22	108.03	65.64	31.78
VD70381	R	L	237.0	79.22	108.03	65.64	31.78

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