

**METALLURGICAL TEST REPORT**

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

Certificate: 874222 08

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

Customer: 0305 009

Steel: 316/316L

NAS Order: LR 22502 1

Heat Treat Code: 77,521

Finish: HRAP

Your Order: 205986

Item Code: 22772

Dia/Thk: .2500 in

Leg Length: 3.0000 in

Length: 252.00 in

Corrosion: ASTM A262 Prac A/E OK

**PRODUCT DESCRIPTION:**

Angle  
UNS S31600/S31603, EN10204 3.1  
ASTM A276/17, ASTM A479/21  
ASME SA479/21,  
AMS-QQS-763/D, QQS:763/F, AMS 5648/M, AMS 5653/J  
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
VD70774	1164	VD70775	1064						

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 %
AB6C		US	.020	.33	16.62	.37	1.73	2.112	.037	10.04	.036	.0010
			SI %									
			.37									

**MECHANICAL PROPERTIES**

	l o c k	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 2"
VD70774	R L	228.0	81.37	105.76	61.86	38.29
VD70775	R L	228.0	81.37	105.76	61.86	38.29

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