



**NORTH AMERICAN  
STAINLESS**  
An Acerinox Group Company

## METALLURGICAL TEST REPORT

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

Certificate: 843799 03 1  
Date: 4/06/2023 Page: 1 Of 1  
Steel: 316/316L  
Finish: HRAP  
Dia/Thk: .2500 in  
Leg Length: 2.5000 in  
Length: 252.00 in  
Corrosion: ASTM A262 Prac A/E OK

Customer: 0305 001  
NAS Order: LR 10670 1  
Your Order: 113378

NORCROSS GA 30071  
Heat Treat Code: 75,216  
Item Code: 62715

### 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 DPAR 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
VD63739	1304	VD63740	1060						

CHEMICAL ANALYSIS		CM(Country of Melt)	ES(Spain)	US(United States)	ZA(South Africa)	JP(Japan)						
NAS Heat	Supplier Heat	CM	C %	CO %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
X42Y	X42Y	US	.017	.37	16.83	.38	1.59	2.027	.034	10.33	.036	.0027
			SI %									
			.36									

### MECHANICAL PROPERTIES

	1 d o i c r	HB No.	.2YS KSI	UTS KSI	RA %	Elong % 2"
VD63739	R L	239.0	89.83	106.34	60.49	31.88
VD63740	R L	239.0	89.83	106.34	60.49	31.88

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