



100 Aspen Hill Road
North Branch, NJ 08876
(908) 218-1400

Shipment Tally

Order: NC106389 Customer: SWAGELOK BIOPHARM SVCS CO Customer PO# G09390
OD: 0.375 ID: Wall: 0.049 Type: TP316/TP316 Length: R/L

Packaging

	Pkg. ID	Type	Dimensions
1	157	Tri-Wall Box on Skid	47" x 47" x 50"

Heat Numbers

A 823717 B 823650

Coil Number	Container Number	Package Type	Heat Number	From Stock Number	Container Count	Count Per Container	Total Count	Length (feet)	Quantity Extension
4	1	1	A	NC106389	1	1	1	3,890.00	3,890.00
6	1	1	B	NC106389		1	1	5,560.00	5,560.00
3	1	1	A	NC106389		1	1	3,045.00	3,045.00
1	2	1	A	NC106389	1	1	1	4,250.00	4,250.00
2	2	1	A	NC106389		1	1	5,040.00	5,040.00
Total Containers:					2	Total Count:	5	Total Qty:	21,785

Shipment: Complete
Packed By: ER
Checked By: EJ
Packed Date: Nov 06, 2006
Notes:

Carrier:
Pieces: 2
Destination: CN
Dispatcher:
Date: Nov 06, 2006

Net Lbs: 3560
Gross Lbs: 3,740
Time:

Material Test Report

Sold To: SWAGELOK BIOPHARM SVCS CO
P.O. BOX 0629
MEDINA OH 44258-
OrderNumber: NC106389
Customer PO #: G09390
Certificate Date: Nov 06, 2006

Dimensions: 0.375 O.D. x 0.049 Wall
Grade: TP316/TP316L
UNS: S31603
Config: Coils
Spec: WELDED/ASTM-A269-04

Mechanical Tests:

Heat #	Flattening	Reverse Flattening	Flange	Reverse Bend	Rockwell Hardness	Eddy Current	Hydrostatic PSI	Tensile Strength PSI	0.2% Yield Strength PSI	% Elongation In 2 "	Sample Id
823650	Passed	Passed	OK	NA	B-79	Passed	11000	90166	51109	48	1
823717	Passed	Passed	OK	NA	B-73	Passed	11000	84346	45321	46	1

Heat Analysis:

Heat Number	C	Mn	P	S	Si	Cr	Ni	Mo	Cu	N	Fe
823650	0.020	1.40	0.033	0.005	0.53	16.5	10.2	2.10	0.24	0.04	Bal.
823717	0.016	1.42	0.033	0.004	0.51	16.3	10.1	2.10	0.37	0.05	Bal.

Additional Information:

Product meets requirements of EN-10204 section 3.1.B

This is to certify that our product contains no Mercury nor is Mercury used in any of our manufacturing process.

Country of Origin : USA

Rath Gibson's stainless steel manufacturing process does not use any of the products targeted in the U.S. Clean Air Act of 1990 and is compliant with the European Community RoHS Directive 2002/95/EC

Material safety data sheets for this product have been supplied to your purchasing department.
For an additional copy please phone (908) 218-1400

Anthony Graviano

Anthony Graviano
Quality Assurance Manager