



**VIRAJ IMPOEXPO**  
(A DIVISION OF VIRAJ PROFILES LTD.)

73553

10 IMPERIAL CHAMBERS, FIRST FLOOR,  
WILSON ROAD, BALLARD ESTATE,  
MUMBAI - 400 008 (INDIA)

**CUSTOMER :**  
FIDELITY STAINLESS LTD.  
2213 NORTH SHERIDAN WAY  
MISSISSAUGA, ON L5K 1A3  
CANADA.

**TEST CERTIFICATE**

**ORDER NO.**  
P-777 (RND)

**PACKING LIST NO.**  
IMP/17297

**INSPECTION NO. DATE**  
IMP/17297/10 21/01/2007

**GRADE**  
316/316L

**BUNDLE NO.** 211500, 213169, 213168,

**DESCRIPTION :**  
STAINLESS STEEL BRIGHT BARS

**ROUGH TURNED**

SIZE	SHAPE	TOLERANCE	LENGTH	PIECES	WEIGHT LBS
9 INCH	ROUND	RT	12 FT - 20 FT	3	8203

**CHEMICAL ANALYSIS**

**HEAT NO.** 73553

C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N	Co
0.019	1.93	0.44	0.020	0.036	10.55	16.60	2.04	0.42	0.073	0.18

**TEST RESULT**

.2% YIELD STRENGTH	TENSILE STRENGTH	ELONGATION %	REDUCTION OF AREA %	HARDNESS BHN	GRAIN SIZE
37	81	64	75	160	5

**Specification:**

MATERIAL CONFIRMS TO ASTM A276-00a, A 479-01, A484-00, A262-98 PRACTICE E,  
RMS 50, ASTM A193-01b B8M CL1, A388-95ED, A182-01a, AMS 5848J/5663E,  
ASME SA-182-98ED, SA479-98ED, SA-193-98 B8M CL1, QQ-S-783F,  
MILL-S-7720A AM2., NACE-MR-01-75-98, UNS#S31800/S31803,  
ASTM E 112-88(GRAIN SIZE),  
CERTIFICATION AS PER EN 10201-3.1B.

**Remarks:**

MATERIAL IS FREE MERCURY CONTAMINATION, FREE FROM WELD  
OR WELD REPAIRS, MICRO: FREE FROM CONTINUOUS CARBIDE NETWORK  
ON GRAIN BOUNDARIES, MACRO: GOOD, MINIMUM SOLUTION ANNEALING  
TEMPERATURE 1050C, WATER QUENCHED.

We hereby certified that the material described above has been tested and complies with the terms of order/contract.

**WORKS INSPECTOR**  
K.R.K MURTHY

E15363