

# STEEL MARKET

(Formerly known as Edalat Steel)

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## TEST CERTIFICATE

**INSPECTION CERTIFICATE ACCORDING TO EN 10204 / 3.1**

PRODUCT INFORMATION												
PRODUCT		GRADE		HEAT NO.		DIAMETER, TOL. (mm)						
Stainless Steel wire		304		2-105		0.50 mm (± 0.005 mm)						
SURFACE FINISH	P.O NO. /WO NO.	INVOICE NO. /DATE	TC NO. / DATE	QUANTITY								
				NO. OF SPOOL /COILS/BOX	WEIGHT (Kg.)							
BRIGHT	BE22Y-00532 / WE22Y-00494	EX23Y-00226 28/06/2023	22Y0614 B 28/06/2023	-	-							
CHEMICAL COMPOSITION (%)												
ELEMENTS		C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N2	Other
SPECIFIED	MIN.	---	---	---	---	---	8.00	18.00	---	---	---	
	MAX.	0.080	2.00	1.00	0.030	0.045	10.50	20.00	0.600	0.600	0.100	
RESULTS		0.024	1.50	0.30	0.012	0.036	8.012	18.44	0.160	0.360	0.0490	
MECHANICAL PROPERTIES												
TEST		DIAMETER (mm)	TENSILE STRENGTH (N/mm <sup>2</sup> )	YIELD STRENGTH (N/mm <sup>2</sup> )	ELONGATION (%)	SURFACE CONDITION						
SPECIFIED	MIN.	0.495	700	---	----	BRIGHT SOFT						
	MAX.	0.505	800	---	---							
RESULTS	IDENTIFICATION											
	SPOOL NO. 28	0.497	734	---	43	BRIGHT SOFT						
	SPOOL NO. 39	0.498	726	---	44	BRIGHT SOFT						

### REMARKS

\* MATERIAL IS FREE FROM MERCURY CONTAMINATION.

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We Hereby Certify That The Material Describe Herein Has Been Manufactured And Tested With Satisfactory Results in Accordance With The Requirements. Mechanical Test Results Are Taken Randomly From The Lot.  
All The Material Has Been Tested And Found To be Free From Radioactive Contaminations.

WORKS INSPECTOR