

# 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		AISI 204 CU		2401057		5.80 mm (± 0.030 mm)						
SURFACE FINISH	P.O NO. /WO NO.	INVOICE NO. /DATE	TC NO. / DATE	QUANTITY								
				NO. OF SPOOL /COILS/BOX	WEIGHT (Kg.)							
BRIGHT	BE23Y-00290 / WE23Y-00260	EX23Y-00800 / 30/03/2024	23Y0898 G / 30/03/2024	-		-						
CHEMICAL COMPOSITION (%)												
ELEMENTS		C	Mn	Si	S	P	Ni	Cr	Mo	Cu	N2	Other
SPECIFIED	MIN.	---	6.50	---	---	---	1.80	15.50	---	2.00	0.050	
	MAX.	0.150	9.00	1.00	0.030	0.060	---	17.50	0.600	4.00	0.250	
RESULTS		0.080	7.88	0.39	0.013	0.045	1.81	15.90	0.080	2.02	0.1530	
MECHANICAL PROPERTIES												
TEST		DIAMETER (mm)	TENSILE STRENGTH (N/mm <sup>2</sup> )	YIELD STRENGTH (N/mm <sup>2</sup> )	ELONGATION (%)	SURFACE CONDITION						
SPECIFIED	MIN.	5.770	700	---	---	1/4 HARD BRIGHT-NON MAGNETIC						
	MAX.	5.830	900	---	---							
RESULTS	IDENTIFICATION											
	COIL NO. 08	5.802	793	---	---	1/4 HARD BRIGHT-NON MAGNETIC						
	COIL NO. 24	5.796	784	---	---	1/4 HARD BRIGHT-NON MAGNETIC						

## 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