

**MICROLAB**

AN IS/ISO/IEC 17025 METALLURGICAL TEST HOUSE

Accredited by NABL, Dept. of Science & Technology, Govt. of India.

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TEST REPORT

Customer: M/s. Sclarian Bicycles Pvt Ltd 42, Aishwarya Nagar, P.N. Pudur Coimbatore - 641 041.	ULR-TC584819000003104F	
	Report No / Date	ML/F1774/1/19-20/ Dt: 15.07.2019
	Your ref./ Date	Challan No: #SBDC/Dt: 06.07.2019
	Our ref./ Date	TOCR: F1774/19-20/ Dt: 09.07.2019
	Nature of test	Chemical Analysis (OES), Tensile Test
	Test Reference	ASTM E 415-2017, ASTM A370-2018
	Date of Testing	13.07.2019
	Sample Draw By	Customer
	Sample Description	Test Specimen Material: AISI 4130 Qty: 1No.

1. Chemical Analysis:

Elements	Symbol	Unit	Specified Values	Observed Values
Carbon	C	%	0.28 - 0.33	0.319
Silicon	Si	%	0.15 - 0.35	0.228
Manganese	Mn	%	0.40 - 0.60	0.593
Phosphorus	P	%	0.035 max	0.017
Sulphur	S	%	0.040 max	0.005
Chromium	Cr	%	0.80 - 1.10	0.949
Molybdenum	Mo	%	0.15 - 0.25	0.166


Remarks: The above chemical composition **meets** the requirements of ASTM A29 Grade AISI 4130**2. Tensile Test:**

Test Parameters	Observed Values
Yield Strength (0.2% offset) (MPa)	502
Ultimate Tensile Strength (MPa)	639
% Elongation in 50mm GL	24.0

Verified by

----- CONCLUDED -----

For MICROLAB


 S. Venkateshwaran
 Authorized Signatory.


NOTE : This report relates only to the particular sample submitted for test ● Any correction in the report will invalidate this report ● Any complaints about this report should be communicated in writing with in 7 days from the date of receipt of report ● This report cannot be reproduced except in full ● Sample description is given as described by the customer ● Sampling is not carried out by the laboratory ● **Samples will be destroyed after 15 days from date of completion of tests unless informed by the customer.**

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