



## TEST REPORT

<b>Customer:</b> <b>M/s. Scolarien Bicycles Pvt Ltd</b> <b>42, Aishwarya Nagar, P.N.Pudur</b> <b>Coimbatore - 641 041</b>	Report No / Date	ML/E1968/1/18-19/ Dt: 28.07.2018
	Your ref./ Date	Letter/Dt: 25.07.2018
	Our ref./ Date	TOCR: E1968/18-19/ Dt: 25.07.2018
	Nature of test	Chemical Analysis (OES)
	Test Reference	ASTM E415-2014
	Date of Testing	27.07.2018
	Sample Draw By	Customer
	Sample Description	Test Sample Size: 2mm sheet Material: AISI 4130 Sample Id NO : 01 Qty: 1No.

### 1. Chemical Analysis:

Elements	Symbol	Unit	Specified Values	Observed Values
Carbon*	C	%	0.38-0.45	0.376
Silicon	Si	%	0.4 max	0.154
Manganese	Mn	%	0.60-0.90	0.679
Phosphorus	P	%	0.025 max	0.015
Sulphur	S	%	0.035 max	0.012
Chromium	Cr	%	0.90-1.20	1.009
Molybdenum	Mo	%	0.15-0.30	0.181


\*Carbon Value accepted Based on tolerance given table-4

**Remarks:** The above chemical composition **meets** the requirements of EN 10083- part-3-42CrMo4

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 • Samples will be destroyed after 15 days from date of completion of tests unless informed by the customer • Any complaints about this report should be communicated in writing with in 7 days form 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.



# MICROLAB

AN IS/ISO/IEC 17025 METALLURGICAL TEST HOUSE

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

No. 10A, R.M.T. Bungalow Road, Sai Nagar 2nd Cross, Opp. Krishnar Temple,  
Sidco Industrial Estate, Coimbatore - 641 021. Phone : 0422 - 2674872  
E-mail : microlab\_cbe@yahoo.co.in Web : www.microlabchennai.com



## TEST REPORT

<b>Customer:</b> <b>M/s. Sclarian Bicycles Pvt Ltd</b> <b>42, Aishwarya Nagar, P.N.Pudur</b> <b>Coimbatore - 641 041</b>	Report No / Date	ML/E1968/3/18-19/ Dt: 28.07.2018
	Your ref./ Date	Letter/Dt: 25.07.2018
	Our ref./ Date	TOCR: E1968/18-19/ Dt: 25.07.2018
	Nature of test	Tensile test
	Test Reference	ASTM A370 - 2017
	Date of Testing	27.07.2018
	Sample Draw By	Customer
	Sample Description	Test Sample Size: 2mm sheet Material: AISI 4130 Sample Id NO : 03 Qty: 1No.

### 1. Tensile Test:

Test Parameters	Observed Values
Yield Strength ( 0.2% offset) MPa	422
Ultimate Tensile Strength (MPa)	623
% Elongation in 50mm GL	23.0

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 • Samples will be destroyed after 15 days from date of completion of tests unless informed by the customer • 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.