

ACCURATE LABORATORY SERVICES

Chemical Analysis of Metals & Alloys by Spectroscope & Wet Methods
Mechanical Testing of Materials (Metal & Rubber)

Plot No. : 71 / 1 - B / 7, General Block, Opp. M/s. Pandit Automotive, Bhosari - Pimpri Road, Pune - 411026.

● Contact : (020) 27127056, Fax : (020) 27127206, Mobile : 9503556758.

● E-mail : dinkarp698@yahoo.com

● Web : http://www accuratelaboratory.com

ORIGINAL



Certificate No. :
Chem. : -T-1596
Mech. : -T-1597

TEST REPORT

OUR REF. ALS / TR / S -29672

PAGE NO 1/1

COMPANY S.T. ENGINEERING
NAME: GAT NO - 1182, RAMDAS NAGAR,
CHIKHALI, PUNE - 412 114

YOUR REF: LT DT / 11.11.11
DATE OF RECEIPT: 11.11.11
LAB NO: S - 29672
TESTED DATE: 12.11.11
DATE OF REPORT: 14.11.11

LAB NO.	SAMPLE DETAILS	%COMPOSITION		
		OBTAINED	SPECIFIED	
S - 29672	DIA 45.0 MM MAT - EN 47 SAMPLE NO - 1	%C	0.51	0.45 - 0.55
		%Mn	0.75	0.50 - 0.80
		%Cr	1.07	0.80 - 1.20
		%V	0.17	0.15 MIN

TEST METHOD - IS 8811 / 1998, ASTM E 415 / 2005, OES

REMARK - ABOVE SAMPLE CONFORMS TO BS 970 - 1955 EN 47 FOR ABOVE SPECTRO TESTING ONLY

RL

Terms & Conditions

1. Report shall not be reproduced, except in full, without prior written permission of Accurate Laboratory Services .
2. Any correction to this Report invalidates the Report.
3. This Report refers to the item(s) submitted for test. Samples are not drawn by Accurate Laboratory Services .
4. Sample are retained by the Laboratory for 60 days after completion of the tests. Any request for retest or extra test shall be intimated to Accurate Laboratory Services within 15 days.

Checked By
Mays



Accurate Laboratory Services

(D. T. Patil)

Technical Manager



Certificate No. :
Chem. : -T-1596
Mech. : -T-1597

ACCURATE LABORATORY SERVICES

Chemical Analysis of Metals & Alloys by Spectroscope & Wet Methods
Mechanical Testing of Materials (Metal & Rubber)

Plot No. : 71 / 1 - B / 7, General Block, Opp. M/s. Pandit Automotive, Bhosari - Pimpri Road, Pune - 411026.

● Contact : (020) 27127056, Fax : (020) 27127206, Mobile : 9503556758.

● E-mail : dinkarp698@yahoo.com

● Web : http://www accuratelaboratory.com

TEST REPORT

OUR REF. ALS / TR / S -29674

PAGE NO 1/1

COMPANY S.T. ENGINEERING
NAME: GAT NO - 1182, RAMDAS NAGAR,
CHIKHALI, PUNE - 412 114

YOUR REF: LT DT / 11.11.11
DATE OF RECEIPT: 11.11.11
LAB NO: S - 29674
TESTED DATE: 12.11.11
DATE OF REPORT: 14.11.11

LAB NO.	SAMPLE DETAILS	%COMPOSITION		
		OBTAINED	SPECIFIED	
S - 29674	DIA 50.0 MM MAT - EN 47 SAMPLE NO - 1	%C	0.51	0.45 - 0.55
		%Mn	0.71	0.50 - 0.80
		%Cr	1.02	0.80 - 1.20
		%V	0.17	0.15 MIN

TEST METHOD - IS 8811 / 1998, ASTM E 415 / 2005, OES

REMARK - ABOVE SAMPLE CONFORMS TO BS 970 - 1955 EN 47 FOR ABOVE SPECTRO TESTING ONLY

RL

Terms & Conditions

- Report shall not be reproduced, except in full, without prior written permission of Accurate Laboratory Services .
- Any correction to this Report invalidates the Report.
- This Report refers to the item(s) submitted for test. Samples are not drawn by Accurate Laboratory Services .
- Sample are retained by the Laboratory for 60 days after completion of the tests. Any request for retest or extra test shall be intimated to Accurate Laboratory Services within 15 days.

Checked By
Mays



Accurate Laboratory Services

(D. T. Patil)

Technical Manager

ALS

ACCURATE LABORATORY SERVICES

Chemical Analysis of Metals & Alloys by Spectroscopy & Wet Methods
Mechanical Testing of Materials (Metal & Rubber)

Plot No. : 71 / 1 - B / 7, General Block, Opp. M/s. Pandit Automotive, Bhosari - Pimpri Road, Pune - 411026.

● Contact : (020) 27127056, Fax : (020) 27127206, Mobile : 9503556758.

● E-mail : dinkarp698@yahoo.com

● Web : http://www.accuratelaboratory.com

ORIGINAL



Certificate No. :
Chem. : -T-1596
Mech. : -T-1597

TEST REPORT

OUR REF. ALS / TR / S -29670

PAGE NO 1/1

COMPANY S.T. ENGINEERING
NAME: GAT NO - 1182, RAMDAS NAGAR,
CHIKHALI, PUNE - 412 114

YOUR REF: LT DT / 11.11.11
DATE OF RECEIPT: 11.11.11
LAB NO: S - 29670
TESTED DATE: 12.11.11
DATE OF REPORT: 14.11.11

LAB NO.	SAMPLE DETAILS	%COMPOSITION		
		OBTAINED	SPECIFIED	
S - 29670	DIA 56.0 MM MAT - EN 47 SAMPLE NO -1	%C	0.46	0.45 - 0.55
		%Mn	0.73	0.50 - 0.80
		%Cr	1.05	0.80 - 1.20
		%V	0.16	0.15 MIN

TEST METHOD - IS 8811 / 1998, ASTM E 415 / 2005, OES

REMARK - ABOVE SAMPLE CONFORMS TO BS 970 - 1955 EN 47 FOR ABOVE SPECTRO TESTING ONLY

RL

Terms & Conditions

1. Report shall not be reproduced, except in full, without prior written permission of Accurate Laboratory Services .
2. Any correction to this Report invalidates the Report.
3. This Report refers to the item(s) submitted for test. Samples are not drawn by Accurate Laboratory Services .
4. Sample are retained by the Laboratory for 60 days after completion of the tests. Any request for retest or extra test shall be intimated to Accurate Laboratory Services within 15 days.

Accurate Laboratory Services

 (D. T. Patil)
 Technical Manager
 Checked By  Mays

ACCURATE LABORATORY SERVICES

Chemical Analysis of Metals & Alloys by Spectroscopy & Wet Methods
 Mechanical Testing of Materials (Metal & Rubber)

Plot No. : 71 / 1 - B / 7, General Block, Opp. M/s. Pandit Automotive, Bhosari - Pimpri Road, Pune - 411026.
 ● Contact : (020) 27127056, Fax : (020) 27127206, Mobile : 9503556758.
 ● E-mail : dinkarp698@yahoo.com
 ● Web : http://www accuratelaboratory.com

ORIGINAL



Certificate No. :
 Chem. : -T-1596
 Mech. : -T-1597

TEST REPORT

OUR REF. ALS / TR / S - 29676

PAGE NO 1/1

COMPANY S.T. ENGINEERING
 NAME: GAT NO - 1182, RAMDAS NAGAR,
 CHIKHALI, PUNE - 412 114

YOUR REF: LT DT / 11.11.11
 DATE OF RECEIPT: 11.11.11
 LAB NO: S - 29676
 TESTED DATE: 12.11.11
 DATE OF REPORT: 14.11.11

LAB NO.	SAMPLE DETAILS	%COMPOSITION		
		OBTAINED	SPECIFIED	
S - 29676	DIA 60.0 MM MAT - EN 47 SAMPLE NO - 1	%C	0.51	0.45 - 0.55
		%Mn	0.75	0.50 - 0.80
		%Cr	1.07	0.80 - 1.20
		%V	0.17	0.15 MIN

TEST METHOD - IS 8811 / 1998, ASTM E 415 / 2005, OES

REMARK - ABOVE SAMPLE CONFORMS TO BS 970 - 1955 EN 47 FOR ABOVE SPECTRO TESTING ONLY

RL

Terms & Conditions

1. Report shall not be reproduced, except in full, without prior written permission of Accurate Laboratory Services .
2. Any correction to this Report invalidates the Report.
3. This Report refers to the item(s) submitted for test. Samples are not drawn by Accurate Laboratory Services .
4. Sample are retained by the Laboratory for 60 days after completion of the tests. Any request for retest or extra test shall be intimated to Accurate Laboratory Services within 15 days.

Mays
 Checked By

Accurate Laboratory Services

 (D. T. Patil)
 Technical Manager

ALS

ACCURATE LABORATORY SERVICES

Chemical Analysis of Metals & Alloys by Spectroscopy & Wet Methods
Mechanical Testing of Materials (Metal & Rubber)

Plot No. : 71 / 1 - B / 7, General Block, Opp. M/s. Pandit Automotive, Bhosari - Pimpri Road, Pune - 411026.

● Contact : (020) 27127056, Fax : (020) 27127206, Mobile : 9503556758.

● E-mail : dinkarp698@yahoo.com

● Web : <http://www accuratelaboratory.com>

DUPLICATE



Certificate No. :
Chem. : -T-1596
Mech. : -T-1597

TEST REPORT

OUR REF. ALS / TR / S - 29668

PAGE NO 1/1

COMPANY S.T. ENGINEERING
NAME: GAT NO - 1182, RAMDAS NAGAR,
CHIKHALI, PUNE - 412 114

YOUR REF: LT DT / 11.11.11
DATE OF RECEIPT: 11.11.11
LAB NO: S - 29668
TESTED DATE: 12.11.11
DATE OF REPORT: 14.11.11

LAB NO.	SAMPLE DETAILS	%COMPOSITION		
		OBTAINED	SPECIFIED	
S - 29668	DIA 71.0 MM MAT - EN 47 SAMPLE NO - 1	%C	0.46	0.45 - 0.55
		%Mn	0.73	0.50 - 0.80
		%Cr	1.10	0.80 - 1.20
		%V	0.15	0.15 MIN

TEST METHOD - IS 8811 / 1998, ASTM E 415 / 2005, OES

REMARK - ABOVE SAMPLE CONFORMS TO BS 970 - 1955 EN 47 FOR ABOVE SPECTRO TESTING ONLY

RL

Terms & Conditions

1. Report shall not be reproduced, except in full, without prior written permission of Accurate Laboratory Services .
2. Any correction to this Report invalidates the Report.
3. This Report refers to the item(s) submitted for test. Samples are not drawn by Accurate Laboratory Services .
4. Sample are retained by the Laboratory for 60 days after completion of the tests. Any request for retest or extra test shall be intimated to Accurate Laboratory Services within 15 days.

Accurate Laboratory Services

Mays
Checked By

(D. T. Patil)
Technical Manager