

August 6, 2023

Q1FY24 Result Update

☑ Change in Estimates | ☑ Target | ■ Reco

Change in Estimates

	Cu	rrent	Pre	vious
	FY24E	FY25E	FY24E	FY25E
Rating	Н	OLD	Н	IOLD
Target Price	1	,010		730
Sales (Rs. m)	1,93,317	2,08,979	1,86,186	2,03,363
% Chng.	3.8	2.8		
EBITDA (Rs. n	n) 32,386	36,181	27,393	33,069
% Chng.	18.2	9.4		
EPS (Rs.)	34.6	41.8	26.7	36.6
% Chng.	29.8	14.2		

Key Financials - Consolidated

Y/e Mar	FY22	FY23	FY24E	FY25E
Sales (Rs. m)	1,64,055	1,66,418	1,93,317	2,08,979
EBITDA (Rs. m)	22,904	17,207	32,386	36,181
Margin (%)	14.0	10.3	16.8	17.3
PAT (Rs. m)	12,513	4,302	15,742	19,026
EPS (Rs.)	27.5	9.5	34.6	41.8
Gr. (%)	2.7	(65.7)	265.9	20.9
DPS (Rs.)	4.7	4.7	5.9	7.0
Yield (%)	0.4	0.4	0.5	0.7
RoE (%)	9.6	3.5	11.9	12.9
RoCE (%)	8.2	5.1	13.1	14.0
EV/Sales (x)	3.1	3.1	2.6	2.4
EV/EBITDA (x)	22.3	29.9	15.7	13.7
PE (x)	38.6	112.5	30.8	25.4
P/BV (x)	4.0	3.9	3.5	3.1

Key Data	LUPN.BO LPC IN
52-W High / Low	Rs.1,078 / Rs.603
Sensex / Nifty	65,721 / 19,517
Market Cap	Rs.484bn/ \$ 5,845m
Shares Outstanding	455m
3M Avg. Daily Value	Rs.998.61m

Shareholding Pattern (%)

Promoter's	47.07
Foreign	13.94
Domestic Institution	29.36
Public & Others	9.63
Promoter Pledge (Rs bn)	-

Stock Performance (%)

	1M	6M	12M
Absolute	19.4	43.9	61.2
Relative	18.9	33.2	43.0

Param Desai

paramdesai@plindia.com | 91-22-66322259

Kushal Shah

kushalshah@plinida.com | 91-22-66322490

Lupin (LPC IN)

Rating: HOLD | CMP: Rs1,064 | TP: Rs1,010

Strong gross margins; US ramp up is key

Quick Pointers:

- Received milestone income of Rs 2bn from AbbVie.
- gSpiriva launch likely by end of Q2FY24 with LPC only being generic player.

Lupin's (LPC) Q1FY24 adjusted EBITDA for NCE of Rs6.6bn (up 8% QoQ) was 10% above our estimate aided by higher GMs and healthy revenue growth across its key markets. Our FY24 and FY25E EBITDA stands increased by 18% and 9% as we factor in higher US sales and GMs. Margins are likely to improve further with gSpiriva launch, however any competition and delay in ramp up will be key risk to our estimates. At CMP, stock is trading at 25x FY25E EPS and we have factored margin recovery and certain niche launches in US. Maintain 'Hold' rating with revised TP of Rs1010/share, 24x FY25E EPS.

- Growth driven by key markets: Revenues grew 28.6% YoY to Rs 48bn. Adjusted for Rs2.1bn NCE income, revenue came in at Rs46bn vs our estimate of Rs 44bn. US business remained healthy at \$181mn up 3% QoQ. India formulation business grew 10% YoY to Rs 16.3bn. EMEA grew by 19.6% while growth markets were weak with 4% YoY decline. API sales grew strongly by 32% YoY. NCE income consists of milestone income of Rs 2bn for its Phase 1 clinical stage MAL T1 inhibitor program from AbbVie.
- Higher GMs; OPM further improve QoQ: Company reported EBIDTA of Rs8.6bn. Adjusted for NCE income, EBITDA came in at Rs6.5bn up 8% QoQ, above our estimate of Rs6bn. Adjusted OPM came in at 14.1% expanded by 50bps QoQ. Adj GM for NCE came in sharply higher at 63%; up 450 bps QoQ mainly due to change in product mix and softening of input prices. However other expenses came in sharply higher at Rs14.7bn; up 13% QoQ. R&D expenses came in higher at 7.9% of sales; up 6% YoY. Tax came in lower at 19%. Reported PAT came in at Rs4.5bn vs our est of Rs3.5bn.
- Key concall takeaways: India branded business: Growth was healthy despite NLEM impact and higher in licensing income in base. Mgmt cited products like Ondero likely to go off patent in Aug 2023 and thereby another product in 2025 which may impact growth slightly in India. Company has added +1000 new salesforce; benefit of that likely to start yielding productivity from Q2FY24. US market - Recent clearance of Pithampur unit 2 will aid 5-6 niche opthal launches including Prolensa where company enjoys FTF. On gSpiriva guided for Q2FY24 end launch and market share ramp up will be gradual. LPC is likely to be only generic in market and not expecting any AG launch also. Price erosion in US base business was in low single digit. R&D spend: Increase in R&D spend was inclined towards newer platforms of biosimilars and injectables as well as clinical trials towards Risperidal completion. Overall 50% of R&D spend goes towards biosimilars, injectables and complex generics. Net debt was down sharply from Rs25bn to Rs13bn as of Q1FY24. Reiterated its margin guidance of +15% in FY24 with likely exit run-rate of 18% with double digit revenue growth. ETR guidance lower to 21-22% for FY24 & FY25 given benefits accruing from Sikkim plant and turnaround in US subsidiary.

August 6, 2023



Exhibit 1: Q1FY24 Result Overview (Rs mn): Higher GMs aided growth

Y/e March	Q1FY24	Q1FY23	YoY gr. (%)	Q4FY23	QoQ gr. (%)	FY24E	FY23	YoY gr. (%)
Net Sales	48,141	37,438	28.6	44,301	8.7	1,86,186	1,66,417	11.9
Raw Material	16,408	16,098	1.9	17,500	(6.2)	73,984	67,798	9.1
% of Net Sales	34.1	43.0		39.5		39.7	40.7	
Personnel Cost	8,444	7,785	8.5	7,730	9.2	32,415	30,872	5.0
% of Net Sales	17.5	20.8		17.4		17.4	18.6	
Others	14,724	11,916	23.6	13,030	13.0	52,394	50,542	3.7
% of Net Sales	30.6	31.8		29.4		28.1	30.4	
Total Expenditure	39,576	35,799	10.6	38,260	3.4	1,58,793	1,49,211	6.4
EBITDA	8,565	1,639	422.4	6,041	41.8	27,393	17,206	59.2
Margin (%)	17.8	4.4		13.6		14.7	10.3	
Depreciation	2,347	1,928	21.7	2,640	(11.1)	9,071	8,807	3.0
EBIT	6,218	(289)	(2,252.3)	3,401	82.9	18,322	8,399	118.2
Other Income (Includes FX)	227	739	(69.4)	539	(58.0)	1,000	1,509	(33.7)
Interest	857	428	100.3	926	(7.4)	2,500	2,743	(8.9)
PBT	5,588	23	24,516.3	3,014	85.4	16,822	7,165	134.8
Total Taxes	1,055	891	18.4	161	554.6	4,542	2,688	69.0
ETR (%)	18.9	3,924.7		5.3		27.0	37.5	
PAT before exceptional	4,533	(868)	(622.1)	2,853	58.9	12,280	4,477	174.3
Minority interest	(11)	(23)		(64)		150	176	
Exceptional Item	-	-		-		-	-	
Reported PAT	4,523	(891)	(607.7)	2,789	62.2	12,130	4,301	182.0

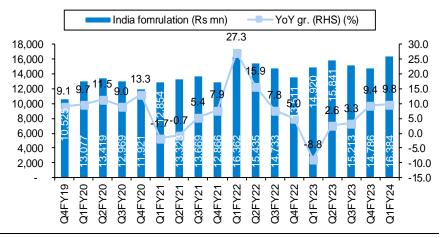
Source: Company, PL

Exhibit 2: Contribution from key products in US and API sales spur growth

Major Sources of Revenues	Q1FY24	Q1FY23	YoY gr. (%)	Q4FY23	QoQ gr. (%)	FY24E	FY23	YoY gr. (%)
Domestic market	16,384	14,920	9.8	14,786	10.8	66,227	60,759	9.0
% of Sales	34.6	41.4		34.1		35.0	38.1	
International market (Exports)	31,037	21,120	47.0	28,517	8.8	1,22,923	98,722	24.5
% of Sales	65.4	58.6		65.9		65.0	61.9	
Total	47,421	36,040	31.6	43,303	9.5	1,89,150	1,59,481	18.6
Formulations	41,997	33,489	25.4	40,077	4.8	1,74,896	1,48,389	17.9
% of Sales	88.6	92.9		92.6		92.5	93.0	
India	16,384	14,920	9.8	14,786	10.8	66,227	60,759	9.0
% of Sales	34.6	41.4		34.1		35.0	38.1	
International market (Exports)	25,613	18,569	37.9	25,291	1.3	1,08,668	87,630	24.0
% of Sales	54.0	51.5		58.4		57.5	54.9	
North America	15,905	10,104	57.4	15,503	2.6	69,212	50,969	35.8
% of Sales	33.5	28.0		35.8		36.6	32.0	
Europe, Middle East, Africa (EMEA)	3,987	3,335	19.6	4,535	(12.1)	17,065	15,514	10.0
% of Sales	8.4	9.3		10.5		9.0	9.7	
Emerging Markets (ROW) & LATAM	5,721	5,130	11.5	5,253	8.9	22,391	21,147	5.9
% of Sales	12.1	14.2		12.1		11.8	13.3	
APIs	3,371	2,551	32.1	3,226	4.5	12,201	11,092	10.0
% of Sales	7.1	7.1		7.4		6.5	7.0	
NCEs	2,053	-		-		2,053	-	
Grand Total	47,421	36,040	31.6	43,303	9.5	1,89,150	1,59,481	18.6

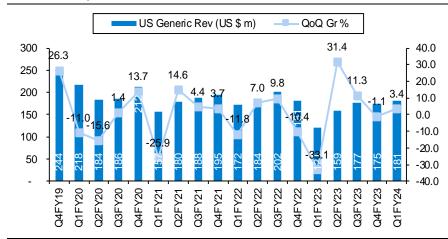
Source: Company, PL

Exhibit 3: Domestic formulations business growth back to normalcy



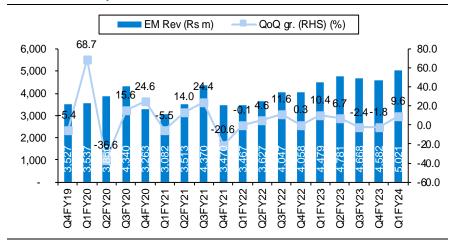
Source: Company, PL

Exhibit 4: US performance enhanced on QoQ basis



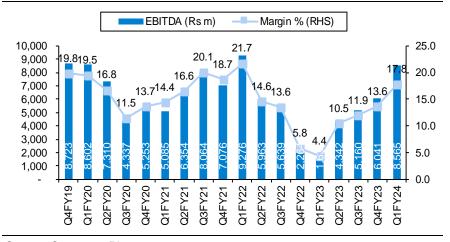
Source: Company, PL

Exhibit 5: Revamp in EM's QoQ



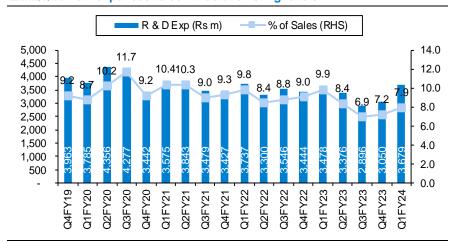
Source: Company, PL

Exhibit 6: Better product mix and softening input prices aided margins



Source: Company, PL

Exhibit 7: R&D expenses to continue at existing levels



Source: Company, PL

August 6, 2023



Financials

Income	Statement	(Pem)
IIICOIIIE	Statement	IL S III

Income Statement (Rs m)				
Y/e Mar	FY22	FY23	FY24E	FY25E
Net Revenues	1,64,055	1,66,418	1,93,317	2,08,979
YoY gr. (%)	8.2	1.4	16.2	8.1
Cost of Goods Sold	64,812	67,798	71,206	76,688
Gross Profit	99,243	98,620	1,22,111	1,32,292
Margin (%)	60.5	59.3	63.2	63.3
Employee Cost	29,893	30,872	33,959	36,675
Other Expenses	46,446	50,542	55,767	59,435
EBITDA	22,904	17,207	32,386	36,181
YoY gr. (%)	(14.2)	(24.9)	88.2	11.7
Margin (%)	14.0	10.3	16.8	17.3
Depreciation and Amortization	9,510	8,807	9,511	9,797
EBIT	13,394	8,400	22,874	26,384
Margin (%)	8.2	5.0	11.8	12.6
Net Interest	1,428	2,743	3,500	3,000
Other Income	2,101	1,509	1,000	1,200
Profit Before Tax	14,067	7,166	20,374	24,584
Margin (%)	8.6	4.3	10.5	11.8
Total Tax	1,371	2,688	4,482	5,409
Effective tax rate (%)	9.7	37.5	22.0	22.0
Profit after tax	12,696	4,478	15,892	19,176
Minority interest	183	176	150	150
Share Profit from Associate	-	-	-	-
Adjusted PAT	12,513	4,302	15,742	19,026
YoY gr. (%)	2.9	(65.6)	265.9	20.9
Margin (%)	7.6	2.6	8.1	9.1
Extra Ord. Income / (Exp)	-	-	-	-
Reported PAT	12,513	4,302	15,742	19,026
YoY gr. (%)	2.9	(65.6)	265.9	20.9
Margin (%)	7.6	2.6	8.1	9.1
Other Comprehensive Income	-	-	-	-
Total Comprehensive Income	12,513	4,302	15,742	19,026
Equity Shares O/s (m)	455	455	455	455
EPS (Rs)	27.5	9.5	34.6	41.8

Source: Company Data, PL Research

Y/e Mar	FY22	FY23	FY24E	FY25E
Non-Current Assets				
Gross Block	1,41,650	1,59,690	1,69,690	1,79,690
Tangibles	79,700	85,943	94,553	1,00,125
Intangibles	61,950	73,747	75,137	79,565
Acc: Dep / Amortization	86,087	94,894	1,04,405	1,14,202
Tangibles	34,202	39,493	43,451	47,528
Intangibles	51,885	55,401	60,954	66,674
Net fixed assets	55,563	64,796	65,285	65,488
Tangibles	45,498	46,450	51,102	52,597
Intangibles	10,065	18,346	14,183	12,891
Capital Work In Progress	8,475	8,948	8,948	8,948
Goodwill	21,241	22,188	22,188	22,188
Non-Current Investments	9,000	5,169	5,169	5,169
Net Deferred tax assets	(711)	(738)	(738)	(738)
Other Non-Current Assets	-	-	-	-
Current Assets				
Investments	-	-	-	-
Inventories	46,307	44,918	53,011	57,397
Trade receivables	42,619	44,807	51,971	56,272
Cash & Bank Balance	10,981	12,931	18,287	28,549
Other Current Assets	-	-	-	-
Total Assets	2,16,515	2,28,003	2,49,105	2,68,257
Equity				
Equity Share Capital	909	910	910	910
Other Equity	1,20,624	1,23,735	1,38,868	1,54,700
Total Networth	1,21,533	1,24,645	1,39,778	1,55,610
Non-Current Liabilities				
Long Term borrowings	1,419	275	275	(1,725)
Provisions	-	-	-	-
Other non current liabilities	-	-	-	-
Current Liabilities				
ST Debt / Current of LT Debt	37,023	42,165	42,165	42,165
Trade payables	22,829	25,315	28,584	30,950
Other current liabilities	32,313	34,081	36,631	39,436
Total Equity & Liabilities	2,16,515	2,28,003	2,49,105	2,68,257

Source: Company Data, PL Research

August 6, 2023 5



Cash Flow (Rs m)				
Y/e Mar	FY22	FY23	FY24E	FY25E
PBT	3,502	(1,280)	20,374	24,584
Add. Depreciation	9,510	8,807	9,511	9,797
Add. Interest	1,428	2,743	3,500	3,000
Less Financial Other Income	2,101	1,509	1,000	1,200
Add. Other	(11,086)	7,870	-	-
Op. profit before WC changes	3,354	18,140	33,386	37,381
Net Changes-WC	(150)	3,263	(9,438)	(3,517)
Direct tax	469	(2,432)	(4,482)	(5,409)
Net cash from Op. activities	3,673	18,970	19,465	28,455
Capital expenditures	(10,519)	(17,906)	(10,000)	(10,000)
Interest / Dividend Income	-	-	-	-
Others	-	-	-	-
Net Cash from Invt. activities	(10,519)	(17,906)	(10,000)	(10,000)
Issue of share cap. / premium	-	-	-	-
Debt changes	(10,787)	1,728	-	(2,000)
Dividend paid	(2,951)	(1,825)	(2,662)	(3,194)
Interest paid	(1,428)	(2,743)	(3,500)	(3,000)
Others	15,568	3,726	2,053	-
Net cash from Fin. activities	403	886	(4,109)	(8,194)
Net change in cash	(6,444)	1,950	5,356	10,261
Free Cash Flow	(5,378)	3,974	9,465	18,455

Source: Company Data, PL Research

Quarterly Financials (Rs m)

quartoriy i manoralo (ito m)				
Y/e Mar	Q2FY23	Q3FY23	Q4FY23	Q1FY24
Net Revenue	41,455	43,222	44,301	48,141
YoY gr. (%)	1.3	3.9	14.1	28.6
Raw Material Expenses	17,128	17,071	17,500	16,408
Gross Profit	24,328	26,151	26,800	31,733
Margin (%)	58.7	60.5	60.5	65.9
EBITDA	4,342	5,160	6,041	8,565
YoY gr. (%)	(27.2)	(8.5)	166.8	422.4
Margin (%)	10.5	11.9	13.6	17.8
Depreciation / Depletion	2,035	2,204	2,640	2,347
EBIT	2,307	2,956	3,401	6,218
Margin (%)	5.6	6.8	7.7	12.9
Net Interest	549	841	926	857
Other Income	338	346	110	227
Profit before Tax	2,096	2,461	2,585	5,588
Margin (%)	5.1	5.7	5.8	11.6
Total Tax	751	885	161	1,055
Effective tax rate (%)	35.8	36.0	6.2	18.9
Profit after Tax	1,345	1,576	2,424	4,533
Minority interest	47	42	64	11
Share Profit from Associates	-	-	-	-
Adjusted PAT	1,297	1,535	2,360	4,523
YoY gr. (%)	(106.2)	(71.9)	(145.6)	(607.7)
Margin (%)	3.1	3.6	5.3	9.4
Extra Ord. Income / (Exp)	-	-	-	-
Reported PAT	1,297	1,535	2,360	4,523
YoY gr. (%)	(75.1)	(79.2)	(145.4)	(607.7)
Margin (%)	3.1	3.6	5.3	9.4
Other Comprehensive Income	-	-	-	-
Total Comprehensive Income	1,297	1,535	2,360	4,523
Avg. Shares O/s (m)	452	452	452	452
EPS (Rs)	2.9	3.4	5.2	10.0

Source: Company Data, PL Research

FY22	FY23	FY24E	FY25E
27.5	9.5	34.6	41.8
48.5	28.8	55.5	63.3
267.4	273.9	307.2	342.0
(11.8)	8.7	20.8	40.6
4.7	4.7	5.9	7.0
8.2	5.1	13.1	14.0
6.5	3.9	9.9	11.0
9.6	3.5	11.9	12.9
0.2	0.2	0.2	0.1
147	141	144	144
38.6	112.5	30.8	25.4
	27.5 48.5 267.4 (11.8) 4.7 8.2 6.5 9.6	27.5 9.5 48.5 28.8 267.4 273.9 (11.8) 8.7 4.7 4.7 8.2 5.1 6.5 3.9 9.6 3.5 0.2 0.2 147 141	27.5 9.5 34.6 48.5 28.8 55.5 267.4 273.9 307.2 (11.8) 8.7 20.8 4.7 4.7 5.9 8.2 5.1 13.1 6.5 3.9 9.9 9.6 3.5 11.9 0.2 0.2 0.2 147 141 144

3.9

36.9

29.9

3.1

0.4

4.0

22.0

22.3

3.1

0.4

3.5

19.2

15.7

2.6

0.5

3.1

16.8

13.7

2.4

0.7

Source: Company Data, PL Research

Key Operating Metrics

P/B

P/CEPS

EV/EBITDA

Dividend Yield (%)

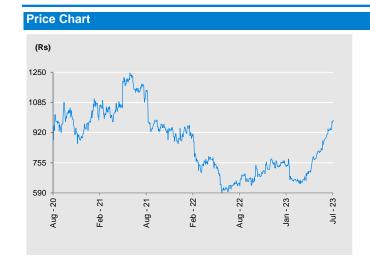
EV/Sales

Key Financial Metrics

Y/e Mar	FY22	FY23	FY24E	FY25E
India Formulations	60,042	60,759	66,227	73,512
US formulations	54,953	50,964	69,212	72,798
EU	3,888	4,625	5,186	5,904
ROW	21,420	24,110	25,784	28,108
API	9,904	11,092	12,201	13,177
Other	8,464	6,937	6,220	6,400

Source: Company Data, PL Research





No.	Date	Rating	TP (Rs.)	Share Price (Rs.)
			(- /	
1	06-Jul-23	Hold	730	905
2	10-May-23	Hold	730	750
3	06-Apr-23	Hold	675	659
4	13-Feb-23	Hold	675	737
5	06-Jan-23	Hold	650	742
6	11-Nov-22	Hold	650	719
7	06-Oct-22	Hold	600	721

Recommendation History

Analyst Coverage Universe

Sr. No.	Company Name	Rating	TP (Rs)	Share Price (Rs)
1	Apollo Hospitals Enterprise	BUY	5,300	5,283
2	Aster DM Healthcare	BUY	335	311
3	Aurobindo Pharma	BUY	660	761
4	Cipla	BUY	1,220	1,069
	<u> </u>		<u> </u>	<u> </u>
5	Divi's Laboratories	Hold	2,700	3,737
6	Dr. Reddy's Laboratories	Reduce	5,150	5,476
7	Eris Lifesciences	BUY	780	706
8	Fortis Healthcare	BUY	365	322
9	Glenmark Pharmaceuticals	Reduce	570	668
10	HealthCare Global Enterprises	BUY	375	326
11	Indoco Remedies	BUY	380	324
12	Ipca Laboratories	Hold	750	760
13	J.B. Chemicals & Pharmaceuticals	BUY	2,450	2,314
14	Krishna Institute of Medical Sciences	BUY	1,660	1,782
15	Lupin	Hold	730	905
16	Max Healthcare Institute	BUY	565	614
17	Narayana Hrudayalaya	BUY	1,100	1,013
18	Sun Pharmaceutical Industries	BUY	1,265	1,141
19	Torrent Pharmaceuticals	BUY	1,900	1,899
20	Zydus Lifesciences	Accumulate	520	588

PL's Recommendation Nomenclature (Absolute Performance)

 Buy
 : > 15%

 Accumulate
 : 5% to 15%

 Hold
 : +5% to -5%

 Reduce
 : -5% to -15%

 Sell
 : < -15%</td>

Not Rated (NR) : No specific call on the stock Under Review (UR) : Rating likely to change shortly



ANALYST CERTIFICATION

(Indian Clients)

We/l, Mr. Param Desai- MBA Finance, Mr. Kushal Shah- CFA-L1, CFP Research Analysts, authors and the names subscribed to this report, hereby certify that all of the views expressed in this research report accurately reflect our views about the subject issuer(s) or securities. We also certify that no part of our compensation was, is, or will be directly or indirectly related to the specific recommendation(s) or view(s) in this report.

(US Clients)

The research analysts, with respect to each issuer and its securities covered by them in this research report, certify that: All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and No part of his or her or their compensation was, is or will be directly related to the specific recommendation or views expressed in this research report.

DISCLAIMER

Indian Clients

Prabhudas Lilladher Pvt. Ltd, Mumbai, India (hereinafter referred to as "PL") is engaged in the business of Stock Broking, Portfolio Manager, Depository Participant and distribution for third party financial products. PL is a subsidiary of Prabhudas Lilladher Advisory Services Pvt Ltd. which has its various subsidiaries engaged in business of commodity broking, investment banking, financial services (margin funding) and distribution of third party financial/other products, details in respect of which are available at www.plindia.com.

This document has been prepared by the Research Division of PL and is meant for use by the recipient only as information and is not for circulation. This document is not to be reported or copied or made available to others without prior permission of PL. It should not be considered or taken as an offer to sell or a solicitation to buy or sell any security.

The information contained in this report has been obtained from sources that are considered to be reliable. However, PL has not independently verified the accuracy or completeness of the same. Neither PL nor any of its affiliates, its directors or its employees accepts any responsibility of whatsoever nature for the information, statements and opinion given, made available or expressed herein or for any omission therein.

Recipients of this report should be aware that past performance is not necessarily a guide to future performance and value of investments can go down as well. The suitability or otherwise of any investments will depend upon the recipient's particular circumstances and, in case of doubt, advice should be sought from an independent expert/advisor.

Either PL or its affiliates or its directors or its employees or its representatives or its clients or their relatives may have position(s), make market, act as principal or engage in transactions of securities of companies referred to in this report and they may have used the research material prior to publication.

PL may from time to time solicit or perform investment banking or other services for any company mentioned in this document.

PL is a registered with SEBI under the SEBI (Research Analysts) Regulation, 2014 and having registration number INH000000271.

PL submits that no material disciplinary action has been taken on us by any Regulatory Authority impacting Equity Research Analysis activities.

PL or its research analysts or its associates or his relatives do not have any financial interest in the subject company.

PL or its research analysts or its associates or his relatives do not have actual/beneficial ownership of one per cent or more securities of the subject company at the end of the month immediately preceding the date of publication of the research report.

PL or its research analysts or its associates or his relatives do not have any material conflict of interest at the time of publication of the research report.

PL or its associates might have received compensation from the subject company in the past twelve months

PL or its associates might have managed or co-managed public offering of securities for the subject company in the past twelve months or mandated by the subject company for any other assignment in the past twelve months.

PL or its associates might have received any compensation for investment banking or merchant banking or brokerage services from the subject company in the past twelve months.

PL or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past twelve months

PL or its associates might have received any compensation or other benefits from the subject company or third party in connection with the research report.

PL encourages independence in research report preparation and strives to minimize conflict in preparation of research report. PL or its analysts did not receive any compensation or other benefits from the subject Company or third party in connection with the preparation of the research report. PL or its Research Analysts do not have any material conflict of interest at the time of publication of this report.

It is confirmed that Mr. Param Desai- MBA Finance, Mr. Kushal Shah- CFA-L1, CFP Research Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months

Compensation of our Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions.

The Research analysts for this report certifies that all of the views expressed in this report accurately reflect his or her personal views about the subject company or companies and its or their securities, and no part of his or her compensation was, is or will be, directly or indirectly related to specific recommendations or views expressed in this report.

The research analysts for this report has not served as an officer, director or employee of the subject company PL or its research analysts have not engaged in market making activity for the subject company

Our sales people, traders, and other professionals or affiliates may provide oral or written market commentary or trading strategies to our clients that reflect opinions that are contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest.

PL and its associates, their directors and employees may (a) from time to time, have a long or short position in, and buy or sell the securities of the subject company or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company or act as an advisor or lender/borrower to the subject company or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.

US Clients

This research report is a product of Prabhudas Lilladher Pvt. Ltd., which is the employer of the research analyst(s) who has prepared the research report. The research analyst(s) preparing the research report is/are resident outside the United States (U.S.) and are not associated persons of any U.S. regulated broker-dealer and therefore the analyst(s) is/are not subject to supervision by a U.S. broker-dealer, and is/are not required to satisfy the regulatory licensing requirements of FINRA or required to otherwise comply with U.S. rules or regulations regarding, among other things, communications with a subject company, public appearances and trading securities held by a research analyst account.

This report is intended for distribution by Prabhudas Lilladher Pvt. Ltd. only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the U.S. Securities and Exchange Act, 1934 (the Exchange Act) and interpretations thereof by U.S. Securities and Exchange Commission (SEC) in reliance on Rule 15a 6(a)(2). If the recipient of this report is not a Major Institutional Investor as specified above, then it should not act upon this report and return the same to the sender. Further, this report may not be copied, duplicated and/or transmitted onward to any U.S. person, which is not the Major Institutional Investor.

In reliance on the exemption from registration provided by Rule 15a-6 of the Exchange Act and interpretations thereof by the SEC in order to conduct certain business with Major Institutional Investors, Prabhudas Lilladher Pvt. Ltd. has entered into an agreement with a U.S. registered broker-dealer, Marco Polo Securities Inc. ("Marco Polo").

Transactions in securities discussed in this research report should be effected through Marco Polo or another U.S. registered broker dealer.

Prabhudas Lilladher Pvt. Ltd.

3rd Floor, Sadhana House, 570, P. B. Marg, Worli, Mumbai-400 018, India | Tel: (91 22) 6632 2222 Fax: (91 22) 6632 2209 www.plindia.com