

24 October 2023

India | Equity Research | Q2FY24 result review

Rossari Biotech

Speciality Chemicals

Volume jumps at the cost of margins

Rossari Biotech's (Rossari) Q2FY24 HPPC revenue (+21% YoY) was led by a volume push which has hurt prices and margins. Despite rise in utilisation from 50-55% to >75%, EBITDA margin dipped 100bp QoQ to 13.1%. It has chosen to play volume game for FY24 to drive utilisation, and expects to improve margins as plant utilisations stabilise at higher levels, which in our view can cap return ratio in near term. The new strategy also requires investments in capex; and business mix change is driving higher working capital. We would wait to see the fruits of rising market share and margin trajectory. We have cut our EPS estimates by 4-10% over FY24-25E. However, our target price fell only to INR 720 (vs INR 725) as we raise PE multiple to 24x FY25E (vs 22x). Maintain REDUCE. Risks: Better than expected HPPC revenue take off and margin jump in FY25.

Revenue improved on the back of higher volumes in HPPC

HPPC revenue rose 20.8% YoY to INR 3.7bn despite significant drop in realisation on sharp improvement in volumes. Unitop revenue was up >25% and Tristar's revenue was up >18% in Q2FY24. The prices have been under pressure to drive higher volumes, but the company focused on improving utilisations, which jumped from 50-55% to >75% QoQ. Revenue from textile chemicals grew 4.4% YoY to INR 1bn, as the industry is beset with demand headwinds. AHN revenue dipped 32% YoY to INR 205mn on weaker demand and Rossari has cut credits.

EBITDA margin dips 100bp QoQ to 13.1% despite sharp jump in utilisation

Rossari's revenue was up 13.6% YoY to INR 4.8bn, largely from higher volumes. Gross profit margin contracted 40bps QoQ to 29.1% despite softening raw material prices. The immediate focus for the company was to push more volumes driving higher plant utilisation. This has resulted in negative operating leverage, but EBITDA has grown 12.4% YoY to INR 636mn. Net profit was INR 329mn, up 37% YoY, and aided by lower ETR which stood at 26.5% (vs 29% in Q2FY23). It expects EBITDA margin of \sim 13% for FY24; and expects to improve from FY25E.

Financial Summary

Y/E March (INR mn)	FY22A	FY23A	FY24E	FY25E
Net Revenue	14,830	16,559	18,571	21,268
EBITDA	1,834	2,230	2,489	2,963
EBITDA Margin (%)	12.4	13.5	13.4	13.9
Net Profit	977	1,073	1,299	1,646
EPS (Rs)	17.7	19.4	23.6	29.8
EPS % Chg YoY	15.1	9.6	21.1	26.7
P/E (x)	44.9	40.9	33.8	26.7
EV/EBITDA (x)	25.0	20.5	18.8	15.9
RoCE (%)	15.8	13.2	13.3	14.4
RoE (%)	16.1	12.5	13.4	15.4

Sanjesh Jain

sanjesh.jain@icicisecurities.com +91 22 6807 7153

Akash Kumar

akash.kumar@icicisecurities.com

Ashvik Jain

ashvik.jain@icicisecurities.com

Market Data

Market Cap (INR)	44bn
Market Cap (USD)	529mn
Bloomberg Code	ROSSARI IN
	EQUITY
Reuters Code	ROSB BO
52-week Range (INR)	927 /536
Free Float (%)	32.0
ADTV-3M (mn) (USD)	0.9

Price Performance (%)	3m	6m	12m
Absolute	(8.9)	16.0	(9.1)
Relative to Sensex	(6.0)	6.7	(19.4)

ESG Disclosure	2021	2022	Change
ESG score	-	-	-
Environment	-	-	-
Social	-	-	-
Governance	_	_	_

Note - Score ranges from 0 - 100 with a higher score indicating higher ESG disclosures.

Source: Bloomberg, I-sec research

Earnings Revisions (%)	FY24E	FY25E
Revenue	3.4	5.4
EBITDA	(3.5)	(4.6)
EPS	(4.4)	(9.5)

Previous Reports

01-08-2023: Q1FY24 results review 03-05-2023: Q4FY23 results review



Other highlights

1) INR 750mn capex in H1FY24 was towards enhancing ETP capacity across three plants, solar installation, tank farms, expanding packing facilities and debottlenecking. It has announced capex of INR 0.5bn in Dahej to enhance capacity by 20ktpa; and INR 1.28bn to increase ethoxylation capacity by 30ktpa to 66ktpa. These capacities will come Q3FY25 onwards; 2) capacity utilisation in Unitop is >80% and in Dahej is >75%; 3) Rossari's priority is to drive faster growth through volumes, and this has caused pressure on prices and margins. It expects EBITDA margin of ~13% for FY24, and margins may improve thereafter; 4) it remain cautious on textile chemicals exports, and is focusing only on Bangladesh. Availability of LCs has been a big hindrance in exports growth; 5) AHN is relatively higher margin business and lower contribution has also hurt margins; and 6) working capital increase in H1FY24 was due to rise in agro and institutional business mix which has higher credit period, and inventory rise was to support volume growth.

Exhibit 1: Rossari Biotech (consolidated) financials

INR mn	Q2FY23	Q3FY23	Q4FY23	Q1FY24	Q2FY24	QoQ (%)	YoY (%)
Revenue	4,254	3,893	4,065	4,106	4,835	17.7	13.6
COGS	3,018	2,724	2,863	2,895	3,428	18.4	13.6
Gross profit	1,237	1,169	1,202	1,211	1,407	16.2	13.8
GPM (%)	29.1	30.0	29.6	29.5	29.1		
Employee cost	241	242	268	245	275	12.3	14.0
% of revenue	5.7	6.2	6.6	6.0	5.7		
Other expenses	430	385	388	388	496	27.8	15.4
% of revenue	10.1	9.9	9.6	9.5	10.3		
Total expenses	671	627	656	633	771	21.8	14.9
EBITDA	565	542	546	577	636	10.1	12.4
EBITDA (%)	13.3	13.9	13.4	14.1	13.1		
Depreciation	156	160	160	141	151	7.1	(3.3)
EBIT	409	382	386	436	485	11.0	18.4
Other income	8	11	28	22	14	(37.7)	66.3
Finance cost	82	47	43	63	50	(20.4)	(38.9)
PBT	335	347	370	395	448	13.4	33.7
Tax	97	90	83	102	119	15.8	22.2
ETR (%)	29.0	25.9	22.3	25.9	26.5		
Minority interest	(1)	(0)	2	(0)	-		
Net profit	240	257	286	293	329	12.6	37.1
Net profit (%)	5.6	6.6	7.0	7.1	6.8		
EPS (INR)	4.4	4.7	5.2	5.3	6.0	12.6	37.1

Source: I-Sec research, Company data

Exhibit 2: Rossari Biotech – segmental revenue breakup

INR mn	Q2FY23	Q3FY23	Q4FY23	Q1FY24	Q2FY24	QoQ (%)	YoY (%)
Segment revenue							
HPPC	3,038	2,712	2,654	2,829	3,671	29.8	20.8
of which							
Standalone	1,188	1,188	1,226	1,305	2,156	65.2	81.5
Subsidiaries	1,850	1,524	1,428	1,524	1,515	(0.6)	(18.1)
Textile chemcials	919	895	985	993	959	(3.4)	4.4
Animal health & nutrition	302	286	425	285	205	(28.1)	(32.1)
Total	4,259	3,893	4,064	4,107	4,835	17.7	13.5
Mix (%)							
HPPC	71.3	69.7	65.3	68.9	75.9		
Textile chemcials	21.6	23.0	24.2	24.2	19.8		
Animal health & nutrition	7.1	7.4	10.5	6.9	4.2		

Source: I-Sec research, Company data



Exhibit 3: Rossari Biotech (standalone) financials

INR mn	Q2FY23	Q3FY23	Q4FY23	Q1FY24	Q2FY24	QoQ (%)	YoY (%)
Revenue	2,409	2,369	2,636	2,583	3,320	28.5	37.8
COGS	1,740	1,679	1,908	1,894	2,516	32.9	44.6
Gross profit	669	690	729	690	804	16.6	20.2
GPM (%)	27.8	29.1	27.6	26.7	24.2		
Employee cost	147	146	150	134	126	(6.3)	(14.5)
% of revenue	6.1	6.2	5.7	5.2	3.8		
Other expenses	243	224	221	204	255	25.0	4.8
% of revenue	10.1	9.5	8.4	7.9	7.7		
Total expenses	391	371	371	338	381	12.5	(2.5)
EBITDA	279	319	358	351	423	20.5	51.9
EBITDA (%)	11.6	13.5	13.6	13.6	12.8		
Depreciation	64	67	67	55	63	13.6	(1.9)
EBIT	215	252	291	296	361	21.8	67.8
Other income	4	2	23	13	20		
Finance cost	11	18	12	19	25		
PBT	208	237	302	291	355	22.0	70.6
Tax	54	63	71	75	91	21.1	69.4
ETR (%)	25.9	26.4	23.5	25.9	25.7		
Net profit	154	175	231	216	264	22.4	71.0
Net profit (%)	6.4	7.4	8.8	8.3	7.9		

Source: I-Sec research, Company data

Exhibit 4: Rossari Biotech (consolidated minus standalone) financials

INR mn	Q2FY23	Q3FY23	Q4FY23	Q1FY24	Q2FY24	QoQ (%)	YoY (%)
Revenue	1,845	1,524	1,428	1,523	1,515	(0.5)	(17.9)
COGS	1,278	1,045	955	1,001	912	(9.0)	(28.7)
Gross profit	568	479	473	521	603	15.7	6.2
GPM (%)	30.8	31.4	33.1	34.2	39.8		
Employee cost	94	95	118	111	149	34.8	58.5
% of revenue	5.1	6.3	8.3	7.3	9.9		
Other expenses	187	161	167	184	241	30.9	29.2
% of revenue	10.1	10.6	11.7	12.1	15.9		
Total expenses	281	257	285	295	391	32.3	39.1
EBITDA	287	222	188	226	212	(6.1)	(25.9)
EBITDA (%)	15.5	14.6	13.2	14.8	14.0		
Depreciation	93	93	93	86	89	2.9	(4.3)
EBIT	194	130	95	140	124	(11.7)	(36.3)
Other income	4	9	5	9	(6)		
Finance cost	71	29	32	44	25		
PBT	198	138	100	149	118	(20.8)	(40.6)
Tax	43	27	12	27	27	1.1	(36.6)
ETR (%)	21.8	19.7	11.6	18.2	23.3		
Net profit	155	111	88	122	90	(25.7)	(41.7)
Net profit (%)	8.4	7.3	6.2	8.0	6.0		

Source: I-Sec research, Company data

Exhibit 5: Earnings revision

Revised		Ear	lier	Change (%)		
INR mn	FY24E	FY25E	FY24E	FY25E	FY24E	FY25E
Revenue	18,571	21,268	17,952	20,171	3.4	5.4
EBITDA	2,489	2,963	2,579	3,107	(3.5)	(4.6)
EBITDA (%)	13.4	13.9	14.4	15.4		
PAT	1,299	1,646	1,359	1,818	(4.4)	(9.5)
EPS (INR)	23.6	29.8	24.6	33.0	(4.4)	(9.5)

Source: I-Sec research, Company data

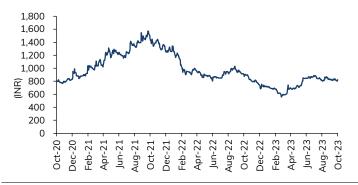


Exhibit 6: Shareholding pattern

%	Mar'23	Jun'23	Sep'23
Promoters	68.4	68.4	68.4
Institutional investors	22.6	23.8	23.4
MFs and other	13.1	15.1	14.5
Fls and Banks	0.0	0.0	0.0
Insurance Cos.	2.0	2.3	3.2
FIIs	7.5	6.1	5.7
Others	9.0	7.7	8.2

Source: Bloomberg, I-Sec research

Exhibit 7: Price chart



Source: Bloomberg, I-Sec research



Financial Summary

Exhibit 8: Profit & Loss

(INR mn, year ending March)

	FY22A	FY23A	FY24E	FY25E
Net Sales	14,830	16,559	18,571	21,268
Operating Expenses	12,995	14,329	16,082	18,304
EBITDA	1,834	2,230	2,489	2,963
EBITDA Margin (%)	12.4	13.5	13.4	13.9
Depreciation & Amortization	481	629	631	739
EBIT	1,354	1,601	1,858	2,224
Interest expenditure	127	223	187	89
Other Non-operating	120	55	56	56
Income	120	33	50	30
Recurring PBT	1,347	1,433	1,727	2,191
Profit / (Loss) from				
Associates	-	-	-	-
Less: Taxes	386	370	437	555
PAT	977	1,073	1,299	1,646
Less: Minority Interest	0	-	-	-
Extraordinaries (Net)	-	-	-	-
Net Income (Reported)	977	1,073	1,299	1,646
Net Income (Adjusted)	977	1,073	1,299	1,646

Source Company data, I-Sec research

Exhibit 9: Balance sheet

(INR mn, year ending March)

	FY22A	FY23A	FY24E	FY25E
Total Current Assets	6,095	7,212	7,498	8,520
of which cash & cash eqv.	524	1,246	224	102
Total Current Liabilities &	2,947	3,469	3,285	3,705
Provisions	2,947	3,469	3,203	3,705
Net Current Assets	3,148	3,743	4,213	4,815
Investments	359	512	512	512
Net Fixed Assets	5,186	4,810	5,293	5,866
ROU Assets	442	436	436	436
Capital Work-in-Progress	13	161	25	25
Total Intangible Assets	899	1,187	1,187	1,187
Other assets	132	183	202	222
Deferred Tax assets	14	32	32	32
Total Assets	12,567	13,676	14,463	16,079
Liabilities				
Borrowings	84	739	739	939
Deferred Tax Liability	689	587	587	587
Provisions	29	45	51	59
Other Liabilities	850	74	-	-
Equity Share Capital	110	110	110	110
Reserves & Surplus	7,942	9,041	10,081	11,068
Total Net Worth	8,052	9,152	10,191	11,179
Minority Interest	-	-	-	-
Total Liabilities	12,567	13,676	14,463	16,079

Source Company data, I-Sec research

Exhibit 10: Quarterly trend

(INR mn, year ending March)

	Dec-22	Mar-23	Jun-23	Sep-23
Net Sales	3,893	4,065	4,106	4,835
% growth (YOY)	(9.1)	(7.4)	(5.5)	13.6
EBITDA	542	546	577	636
Margin %	13.9	13.4	14.1	13.1
Other Income	11	28	22	14
Extraordinaries	-	-	-	-
Adjusted Net Profit	257	286	293	329

Source Company data, I-Sec research

Exhibit 11: Cashflow statement

(INR mn, year ending March)

	FY22A	FY23A	FY24E	FY25E
Operating Cashflow	1,423	1,796	2,062	2,418
Working Capital Changes	(1,130)	(272)	(1,578)	(736)
Capital Commitments	(3,932)	(1,314)	(1,114)	(1,313)
Free Cashflow	(3,639)	210	(630)	369
Other investing cashflow	943	(495)	56	56
Cashflow from Investing Activities	943	(495)	56	56
Issue of Share Capital	3,015	42	-	-
Interest Cost	(22)	(61)	(187)	(89)
Inc (Dec) in Borrowings	(48)	655	-	200
Dividend paid	(28)	(28)	(260)	(658)
Others	-	-	-	-
Cash flow from Financing Activities	2,918	609	(447)	(548)
Chg. in Cash & Bank balance	223	324	(1,022)	(122)
Closing cash & balance	375	698	224	102

Source Company data, I-Sec research

Exhibit 12: Key ratios

(Year ending March)

	FY22A	FY23A	FY24E	FY25E
Per Share Data (INR)				
Reported EPS	17.7	19.4	23.6	29.8
Adjusted EPS (Diluted)	17.7	19.4	23.6	29.8
Cash EPS	26.5	30.9	35.0	43.3
Dividend per share (DPS)	0.5	0.5	4.7	11.9
Book Value per share (BV)	146.2	165.9	184.8	202.7
Dividend Payout (%)	2.8	2.6	20.0	40.0
Growth (%)				
Net Sales	109.1	11.7	12.2	14.5
EBITDA	49.1	21.6	11.6	19.0
EPS (INR)	15.1	9.6	21.1	26.7
Valuation Ratios (x)				
P/E	44.9	40.9	33.8	26.7
P/CEPS	30.1	25.8	22.7	18.4
P/BV	5.4	4.8	4.3	3.9
EV / EBITDA	25.0	20.5	18.8	15.9
EV/SALES	3.1	2.8	2.5	2.2
Dividend Yield (%)	0.1	0.1	0.6	1.5
Operating Ratios				
Gross Profit Margins (%)	25.5	29.3	29.2	29.6
EBITDA Margins (%)	12.4	13.5	13.4	13.9
Effective Tax Rate (%)	28.6	25.8	25.3	25.3
Net Profit Margins (%)	6.6	6.5	7.0	7.7
NWC / Total Assets (%)	25.1	27.4	29.1	29.9
Net Debt / Equity (x)	(0.1)	(0.1)	0.0	0.1
Net Debt / EBITDA (x)	(0.3)	(0.3)	0.1	0.2
Profitability Ratios				
RoCE (%)	15.8	13.2	13.3	14.4
RoE (%)	16.1	12.5	13.4	15.4
RoIC (%)	18.1	15.0	14.7	15.0
Fixed Asset Turnover (x)	2.6	2.9	2.6	2.5
Inventory Turnover Days	46.7	41.5	47.5	48.5
Receivables Days	75.0	78.0	84.0	85.0
Payables Days	45.8	40.8	40.8	40.8
Source Company data, I-Sec resec	arch			



This report may be distributed in Singapore by ICICI Securities, Inc. (Singapore branch). Any recipients of this report in Singapore should contact ICICI Securities, Inc. (Singapore branch) in respect of any matters arising from, or in connection with, this report. The contact details of ICICI Securities, Inc. (Singapore branch) are as follows: Address: 10 Collyer Quay, #40-92 Ocean Financial Tower, Singapore - 049315, Tel: +65 6232 2451 and email: navneet_babbar@icicisecuritiesinc.com, Rishi garawal@icicisecuritiesinc.com.

"In case of eligible investors based in Japan, charges for brokerage services on execution of transactions do not in substance constitute charge for research reports and no charges are levied for providing research reports to such investors."

New I-Sec investment ratings (all ratings based on absolute return; All ratings and target price refers to 12-month performance horizon, unless mentioned otherwise) BUY: >15% return; ADD: 5% to 15% return; HOLD: Negative 5% to Positive 5% return; REDUCE: Negative 5% to Negative 15% return; SELL: < negative 15% return

ANALYST CERTIFICATION

I/We, Sanjesh Jain, PGDM; Akash Kumar, MBA; Ashvik Jain, MBA; 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. Analysts are not registered as research analysts by FINRA and are not associated persons of the ICICI Securities Inc. It is also confirmed that above mentioned Analysts of this report have not received any compensation from the companies mentioned in the report in the preceding twelve months and do not serve as an officer, director or employee of the companies mentioned in the report.

Terms & conditions and other disclosures:

ICICI Securities Limited (ICICI Securities) is a full-service, integrated investment banking and is, inter alia, engaged in the business of stock brokering and distribution of financial products. Registered Office Address: ICICI Venture House, Appasaheb Marathe Marg, Prabhadevi, Mumbai - 400 025. CIN: L67120MH1995PLC086241, Tel: (91 22) 6807 7100. ICICI Securities is Sebi registered stock broker, merchant banker, investment adviser, portfolio manager, Research Analyst and Alternative Investment Fund. ICICI Securities is registered with Insurance Regulatory Development Authority of India Limited (IRDAI) as a composite corporate agent and with PFRDA as a Point of Presence. ICICI Securities Limited Research Analyst SEBI Registration Number – INH000000990. ICICI Securities Limited SEBI Registration is INZ000183631 for stock broker. ICICI Securities AIF Trust's SEBI Registration number is IN/AIF3/23-24/1292 ICICI Securities is a subsidiary of ICICI Bank which is India's largest private sector bank and has its various subsidieries engaged in businesses of housing finance, asset management, life insurance, general insurance, venture capital fund management, etc. ("associates"), the details in respect of which are available on www.icicibank.com.

ICICI Securities is one of the leading merchant bankers/ underwriters of securities and participate in virtually all securities trading markets in India. We and our associates might have investment banking and other business relationship with a significant percentage of companies covered by our Investment Research Department. ICICI Securities and its analysts, persons reporting to analysts and their relatives are generally prohibited from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover.

Recommendation in reports based on technical and derivative analysis centre on studying charts of a stock's price movement, outstanding positions, trading volume etc as opposed to focusing on a company's fundamentals and, as such, may not match with the recommendation in fundamental reports. Investors may visit icicidirect.com to view the Fundamental and Technical Research Reports.

Our proprietary trading and investment businesses may make investment decisions that are inconsistent with the recommendations expressed herein.

ICICI Securities Limited has two independent equity research groups: Institutional Research and Retail Research. This report has been prepared by the Institutional Research. The views and opinions expressed in this document may or may not match or may be contrary with the views, estimates, rating, and target price of the Retail Research.

The information and opinions in this report have been prepared by ICICI Securities and are subject to change without any notice. The report and information contained herein is strictly confidential and meant solely for the selected recipient and may not be altered in any way, transmitted to, copied or distributed, in part or in whole, to any other person or to the media or reproduced in any form, without prior written consent of ICICI Securities. While we would endeavour to update the information herein on a reasonable basis, ICICI Securities is under no obligation to update or keep the information current. Also, there may be regulatory, compliance or other reasons that may prevent ICICI Securities from doing so. Non-rated securities indicate that rating on a particular security has been suspended temporarily and such suspension is in compliance with applicable regulations and/or ICICI Securities policies, in circumstances where ICICI Securities might be acting in an advisory capacity to this company, or in certain other circumstances. This report is based on information obtained from public sources and sources believed to be reliable, but no independent verification has been made nor is its accuracy or completeness guaranteed. This report and information herein is solely for informational purpose and shall not be used or considered as an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. ICICI Securities will not treat recipients as customers by virtue of their receiving this report. Nothing in this report constitutes investment, legal, accounting and tax advice or a representation that any investment or strategy is suitable or appropriate to your specific circumstances. The securities discussed and opinions expressed in this report may not be suitable for all investors, who must make their own investment decisions, based on their own investment objectives, financial positions and needs of specific recipient. This may not be taken in substitution for the exercise of independent judgment by any recipient. The recipient should independently evaluate the investment risks. The value and return on investment may vary because of changes in interest rates, foreign exchange rates or any other reason. ICICI Securities accepts no liabilities whatsoever for any loss or damage of any kind arising out of the use of this report. Past performance is not necessarily a guide to future performance. Investors are advised to see Risk Disclosure Document to understand the risks associated before investing in the securities markets. Actual results may differ materially from those set forth in projections. Forward-looking statements are not predictions and may be subject to change without notice.

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

ICICI Securities or its associates might have received any compensation from the companies mentioned in the report during the period preceding twelve months from the date of this report for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory service in a merger or specific transaction.

ICICI Securities or its associates might have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the companies mentioned in the report in the past twelve months.

ICICI Securities encourages independence in research report preparation and strives to minimize conflict in preparation of research report. ICICI Securities or its associates or its analysts did not receive any compensation or other benefits from the companies mentioned in the report or third party in connection with preparation of the research report. Accordingly, neither ICICI Securities nor Research Analysts and their relatives have any material conflict of interest at the time of publication of this report.

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

ICICI Securities or its subsidiaries collectively or Research Analysts or their relatives do not own 1% or more of the equity securities of the Company mentioned in the report as of the last day of the month preceding the publication of the research report.

Since associates of ICICI Securities and ICICI Securities as a entity are engaged in various financial service businesses, they might have financial interests or actual/beneficial ownership of one percent or more or other material conflict of interest in various companies including the subject company/companies mentioned in this report.

ICICI Securities may have issued other reports that are inconsistent with and reach different conclusion from the information presented in this report. Neither the Research Analysts nor ICICI Securities have been engaged in market making activity for the companies mentioned in the report.

We submit that no material disciplinary action has been taken on ICICI Securities by any Regulatory Authority impacting Equity Research Analysis activities.

This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction,

This report is not directed or intended for distribution to, or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject ICICI Securities and affiliates to any registration or licensing requirement within such jurisdiction. The securities described herein may or may not be eligible for sale in all jurisdictions or to certain category of investors. Persons in whose possession this document may come are required to inform themselves of and to observe such restriction.

This report has not been prepared by ICICI Securities, Inc. However, ICICI Securities, Inc. has reviewed the report and, in so far as it includes current or historical information, it is believed to be reliable, although its accuracy and completeness cannot be guaranteed.



Investment in securities market are subject to market risks. Read all the related documents carefully before investing.

Registration granted by SEBI and certification from NISM in no way guarantee performance of the intermediary or provide any assurance of returns to investors. None of the research recommendations promise or guarantee any assured, minimum or risk free return to the investors.

Name of the Compliance officer (Research Analyst): Mr. Atul Agrawal, Contact number: 022-40701000, E-mail Address: complianceofficer@icicisecurities.com

For any queries or grievances: Mr. Prabodh Avadhoot Email address: headservicequality@icicidirect.com Contact Number: 18601231122