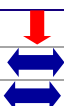


Vinati Organics

Estimate changes

TP change

Rating change



Bloomberg	VO IN
Equity Shares (m)	104
M.Cap.(INRb)/(USD\$)	181.1 / 2.1
52-Week Range (INR)	2331 / 1462
1, 6, 12 Rel. Per (%)	1/-16/-5
12M Avg Val (INR M)	161

Financials & Valuations (INR b)

Y/E March	FY25E	FY26E	FY27E
Sales	22.0	27.8	32.3
EBITDA	5.7	7.4	8.8
PAT	4.0	5.2	6.3
EPS (INR)	38.9	50.3	60.3
EPS Gr. (%)	24.6	29.3	20.0
BV/Sh.(INR)	267.9	306.9	353.6

Ratios

Net D:E	0.1	0.1	0.0
RoE (%)	15.4	17.5	18.3
RoCE (%)	13.7	15.1	16.6
Payout (%)	22.4	22.4	22.4

Valuations

P/E (x)	45.0	34.8	29.0
P/BV (x)	6.5	5.7	4.9
EV/EBITDA (x)	32.2	24.9	20.7
Div. Yield (%)	0.5	0.6	0.8
FCF Yield (%)	-0.8	1.4	2.2

Shareholding pattern (%)

As On	Dec-24	Sep-24	Dec-23
Promoter	74.3	74.3	74.1
DII	7.6	7.3	7.6
FII	5.3	5.5	4.7
Others	12.8	13.0	13.7

FII Includes depository receipts

CMP: INR1,749

TP: INR2,600 (+49%)

Buy

Operational performance in-line; guidance intact

- Vinati Organics (VO)'s 3QFY25 revenue came in a tad above our estimate at INR5.2b. Gross margin expanded 180bp YoY to 49%, while EBITDAM was up 180bp YoY at 27.4%. EBITDA increased 24% YoY to INR1.4b and PAT grew 24% to INR956m (our est. INR1b). Management earlier indicated that 2H of the year generally is better than 1H.
- The new ATBS line, with a capex of INR3b, is expected to be ready by Mar/Apr'25. Veeral Organics' INR5b capex, spread over two years, has already seen the launch of Monomer Inhibitor and a pharma intermediate. The company is adding three more products: a skincare intermediate, Tertiary Amyl Alcohol, and BHA (for the food industry).
- AO revenue stood at ~INR1b in 1HFY25 and management earlier guided that it can achieve the revenue target of ~INR2b in FY25. Chinese competition persists, but the government is addressing it by imposing anti-dumping duties on affected products. AO, which contributes ~10% of Vinati Organics' revenue, is among the products facing direct competition from China.
- Management has guided for a revenue CAGR of ~20% in the next three years, driven by new as well as existing products (at existing prices based on volume growth). We expect a CAGR of 19%/23%/25% in revenue/EBITDA/PAT during FY24-27, with EBITDAM likely to gradually be at 27% by FY27. This would be driven by ATBS (rev CAGR of 27% over FY24-27) and AOs (56%).
- We have cut our revenue/EBITDA/PAT estimates by 7%/5%/8% for FY25 while keeping them broadly unchanged for FY26-27. The stock is trading at ~35x FY26E EPS of INR50.3 and ~25x FY26E EV/EBITDA. We continue to believe that VO's long-term growth outlook is healthy. We value VO at 45x Dec'26E EPS to arrive at our TP of INR2,600. **We reiterate our BUY rating on the stock.**

EBITDA in line; PAT miss due to lower-than-expected other income

- Revenue was at INR5.2b (est. of INR5.6b, +16% YoY). EBITDA came in at INR1.4b (est. of INR1.4b, +24% YoY). Gross margin was at 49% (+180bp YoY), with **EBITDAM at 27.4% (+180bp YoY)**. PAT came in at INR956m (est. of INR1b, +24% YoY).
- The board has approved the incorporation/establishment of a wholly owned subsidiary of VO in the US to expand its business operations offshore.
- The subsidiary will primarily handle the manufacturing and sale of VO's products, and in future, this entity will help to explore other opportunities in the US market.
- In **9MFY25**, revenue stood at INR16b (+19% YoY), EBITDA came in at INR4b (+26% YoY), and PAT was at INR2.9b (+31% YoY). EBITDAM was at 25.1% (+140bp YoY).

Research Analyst: Aman Chowdhary (Aman.Chowdhary@MotilalOswal.com)

Research Analyst: Sumant Kumar (Sumant.Kumar@MotilalOswal.com)

Investors are advised to refer through important disclosures made at the last page of the Research Report.

Motilal Oswal research is available on www.motilaloswal.com/Institutional-Equities, Bloomberg, Thomson Reuters, Factset and S&P Capital.

Valuation and view

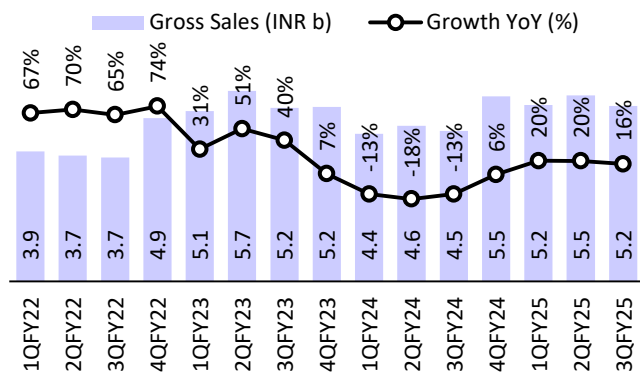
- VOPL has commissioned a plant for MEHQ and Guaiacol with other products (Anisole, 4-MAP, Iso Amylene, etc.), which will come online in 4QFY25. VO has 3ktpa capacity (combined) for MEHQ and Guaiacol, 5ktpa for Anisole, 30ktpa Iso Amylene, and 1ktpa for 4-MAP. These products will be the key growth drivers for VO going forward.
- The supply of AOs started in FY24, which generated a revenue of INR1.3b during that year. The amalgamation of VO with VAPL has already been approved by the NCLT. VO is now the largest and the only double-integrated manufacturer of AOs in India. Our long-term view remains positive for the segment, although there is a threat of Chinese supplies.
- The stock is trading at ~35x FY26E EPS of INR50.3 and ~25x FY26E EV/EBITDA. It had a fixed asset turnover of 1.5x as of FY24. We continue to believe that VO's long-term growth outlook is healthy. We value VO at 45x Dec'26E EPS to arrive at our TP of INR2,600. **We reiterate our BUY rating on the stock.**

Standalone - Quarterly Earning Model

Y/E March	FY24				FY25				FY24	FY25E	FY25	Var.
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4QE			3QE	(%)
Gross Sales	4,387	4,629	4,480	5,503	5,247	5,533	5,217	6,020	19,000	22,017	5,576	-6%
YoY Change (%)	-13.3	-18.3	-13.3	6.0	19.6	19.5	16.4	9.4	-8.3	15.9	24.5	
Gross Margin (%)	47.6%	45.8%	47.2%	46.6%	44.9%	45.8%	49.0%	49.1%	46.8%	47.3%	48.3%	0.7%
EBITDA	1,004	1,048	1,147	1,502	1,251	1,340	1,428	1,690	4,701	5,709	1,430	0%
Margin (%)	22.9	22.6	25.6	27.3	23.8	24.2	27.4	28.1	24.7	25.9	25.6	1.7
Depreciation	167	173	193	194	196	205	205	225	728	830	213	
Interest	9	9	10	9	4	1	1	4	36	10	2	
Other Income	98	106	88	96	93	222	67	81	388	462	164	
PBT before EO expense	925	972	1,032	1,396	1,144	1,357	1,289	1,543	4,325	5,331	1,378	-7%
PBT	925	972	1,032	1,396	1,144	1,357	1,289	1,543	4,325	5,331	1,378	-7%
Tax	231	247	262	351	284	295	333	389	1,091	1,301	347	
Rate (%)	25.0	25.4	25.4	25.1	24.8	21.8	25.8	25.2	25.2	24.4	25.2	
Reported PAT	694	725	770	1,045	860	1,061	956	1,154	3,234	4,031	1,031	-7%
Adj PAT	694	725	770	1,045	860	1,061	956	1,154	3,234	4,031	1,031	-7%
YoY Change (%)	-31.4	-37.5	-28.0	-0.2	23.9	46.4	24.1	10.4	-22.8	24.6	33.9	
Margin (%)	15.8	15.7	17.2	19.0	16.4	19.2	18.3	19.2	17.0	18.3	18.5	-0.2

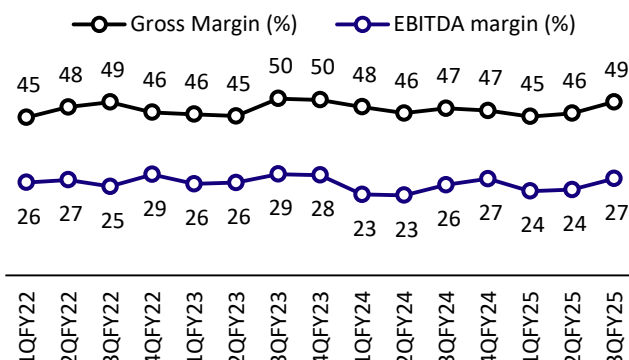
3QFY25 in charts

Exhibit 1: Sales increased 16% YoY



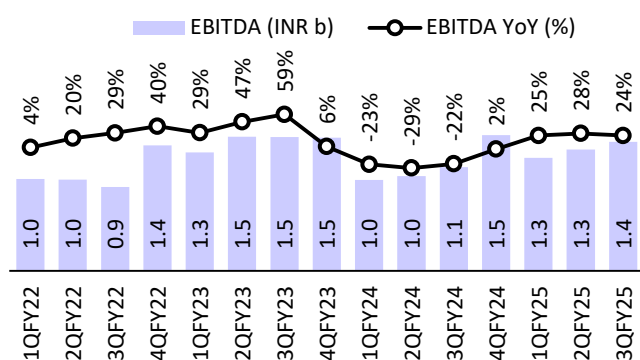
Source: Company, MOFSL

Exhibit 2: Margins expanded YoY and QoQ



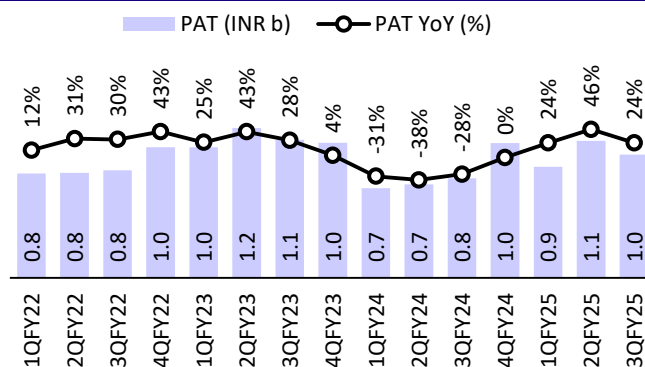
Source: Company, MOFSL

Exhibit 3: EBITDA increased 24% YoY (EBITDAM at 27.4%)



Source: Company, MOFSL

Exhibit 4: PAT increased 24% YoY (margin at 18.3%)



Source: Company, MOFSL

Story in charts

Exhibit 5: Expect 19% revenue CAGR over FY24-27

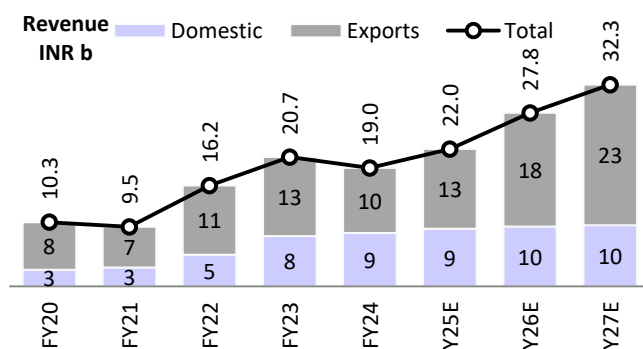


Exhibit 6: Exports likely to dominate going forward as well

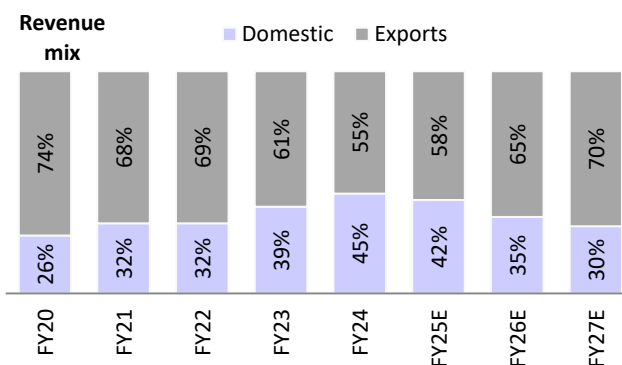


Exhibit 7: EBITDAM to gradually improve during FY25-27...

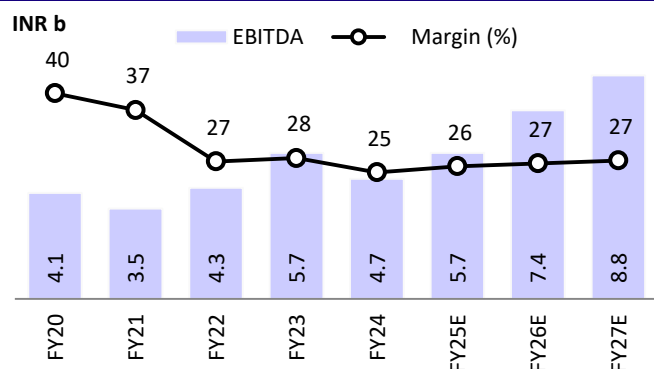


Exhibit 8: ...with PAT also improving

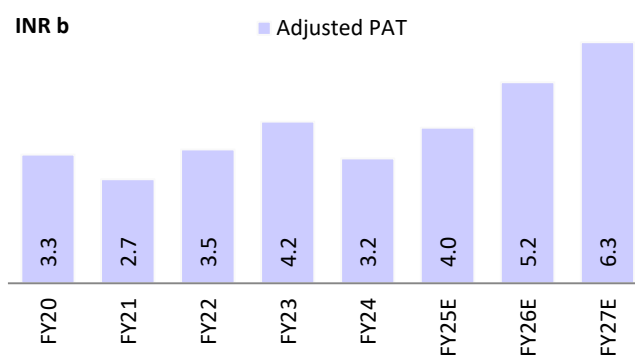


Exhibit 9: Capex of INR9.5b expected during FY25-27

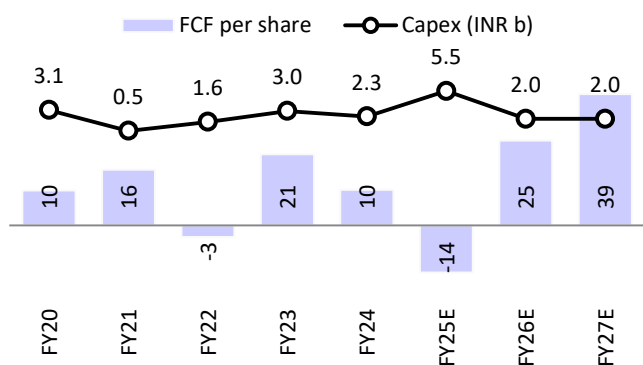
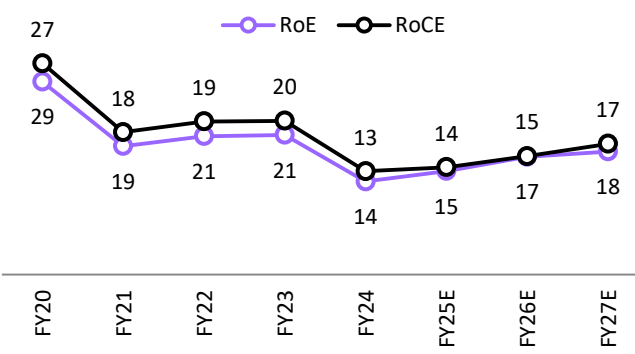


Exhibit 10: Return ratios at 17-18% in FY27E



Financials and valuations

Standalone- Income Statement

(INR m)

Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Total Income from Operations	10,289	9,543	16,155	20,727	19,000	22,017	27,829	32,341
Change (%)	-8.8	-7.3	69.3	28.3	-8.3	15.9	26.4	16.2
Gross Margin (%)	58.3	59.4	46.7	48.2	46.8	47.3	48.0	48.5
EBITDA	4,139	3,525	4,341	5,712	4,701	5,709	7,375	8,752
Margin (%)	40.2	36.9	26.9	27.6	24.7	25.9	26.5	27.1
Depreciation	332	429	455	590	728	830	899	927
EBIT	3,808	3,096	3,886	5,122	3,973	4,879	6,476	7,825
Int. and Finance Charges	11	2	3	14	36	10	15	21
Other Income	450	259	610	524	388	462	501	550
PBT bef. EO Exp.	4,247	3,353	4,493	5,632	4,325	5,331	6,962	8,354
PBT after EO Exp.	4,247	3,353	4,493	5,632	4,325	5,331	6,962	8,354
Total Tax	908	659	1,026	1,440	1,091	1,301	1,752	2,103
Tax Rate (%)	21.4	19.7	22.8	25.6	25.2	24.4	25.2	25.2
Reported PAT	3,338	2,693	3,467	4,192	3,234	4,031	5,210	6,251
Adjusted PAT	3,338	2,693	3,467	4,192	3,234	4,031	5,210	6,251
Change (%)	18.2	-19.3	28.7	20.9	-22.8	24.6	29.3	20.0
Margin (%)	32.4	28.2	21.5	20.2	17.0	18.3	18.7	19.3

Standalone - Balance Sheet

(INR m)

Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Equity Share Capital	103	103	103	103	104	104	104	104
Total Reserves	12,691	15,331	18,179	22,032	24,540	27,666	31,707	36,555
Net Worth	12,794	15,434	18,281	22,135	24,644	27,770	31,811	36,659
Total Loans	3	20	189	352	46	4,000	3,000	1,200
Deferred Tax Liabilities	705	779	900	1,099	1,335	1,335	1,335	1,335
Capital Employed	13,502	16,234	19,370	23,586	26,025	33,105	36,146	39,194
Gross Block	8,551	9,045	10,675	14,122	16,558	22,058	24,058	26,058
Less: Accum. Deprn.	1,060	1,489	1,944	2,534	3,262	4,092	4,991	5,918
Net Fixed Assets	7,491	7,557	8,732	11,588	13,296	17,966	19,067	20,139
Capital WIP	310	547	473	2,290	2,461	2,461	2,461	2,461
Total Investments	2,274	2,887	979	2,555	2,373	2,373	2,373	2,373
Curr. Assets, Loans, and Adv.	4,355	6,345	10,714	9,404	10,137	12,902	15,528	18,036
Inventory	932	1,219	1,762	2,330	1,984	2,299	2,906	3,378
Account Receivables	2,018	2,772	4,584	4,638	5,296	6,137	7,757	9,015
Cash and Bank Balance	537	68	43	97	127	1,303	867	998
Cash and liquid investments	1,586	1,762	13	1,219	3	1,179	742	873
Bank Balance	0	52	33	73	124	124	124	124
Loans and Advances	869	2,285	4,326	2,338	2,729	3,162	3,997	4,645
Curr. Liability and Prov.	927	1,102	1,527	2,250	2,242	2,598	3,283	3,816
Account Payables	557	664	1,146	1,214	1,007	1,166	1,474	1,713
Other Current Liabilities	213	391	328	976	1,158	1,341	1,695	1,970
Provisions	157	47	54	60	77	90	114	132
Net Current Assets	3,428	5,243	9,187	7,154	7,895	10,305	12,245	14,220
Appl. of Funds	13,502	16,234	19,371	23,587	26,026	33,105	36,146	39,194

Financials and valuations

Ratios

Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Basic (INR)								
EPS	32.2	26.0	33.4	40.4	31.2	38.9	50.3	60.3
EPS Growth (%)	18.2	-19.3	28.7	20.9	-22.8	24.6	29.3	20.0
Cash EPS	35.4	30.1	37.8	46.1	38.2	46.9	58.9	69.2
BV/Share	123.4	148.9	176.3	213.5	237.7	267.9	306.9	353.6
DPS	5.5	6.0	6.5	7.0	7.0	8.7	11.3	13.5
Payout (%)	31.6	23.1	19.4	17.3	22.4	22.4	22.4	22.4
Valuation (x)								
P/E	54.3	67.3	52.3	43.3	56.1	45.0	34.8	29.0
Cash P/E	49.4	58.1	46.2	37.9	45.8	37.3	29.7	25.3
P/BV	14.2	11.7	9.9	8.2	7.4	6.5	5.7	4.9
EV/Sales	17.6	19.0	11.2	8.8	9.5	8.4	6.6	5.6
EV/EBITDA	43.7	51.4	41.8	31.8	38.6	32.2	24.9	20.7
Dividend Yield (%)	0.3	0.3	0.4	0.4	0.4	0.5	0.6	0.8
FCF per share	10.3	16.4	-3.4	20.9	10.5	-13.8	24.9	38.6
Return Ratios (%)								
RoE	28.6	19.1	20.6	20.7	13.8	15.4	17.5	18.3
RoCE	26.9	18.1	19.5	19.6	13.1	13.7	15.1	16.6
RoIC	31.7	21.5	19.6	20.9	15.0	15.4	16.9	18.4
Working Capital Ratios								
Fixed Asset Turnover (x)	1.7	1.3	2.0	2.0	1.5	1.4	1.5	1.6
Asset Turnover (x)	0.8	0.6	0.8	0.9	0.7	0.7	0.8	0.8
Inventory (Days)	33	47	40	41	38	38	38	38
Debtor (Days)	72	106	104	82	102	102	102	102
Creditor (Days)	20	25	26	21	19	19	19	19
Leverage Ratio (x)								
Current Ratio	4.7	5.8	7.0	4.2	4.5	5.0	4.7	4.7
Net Debt/Equity ratio	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.0

Standalone - Cash Flow Statement

(INR m)

Y/E March	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
OP/(Loss) before Tax	4,247	3,353	4,493	5,632	4,325	5,331	6,962	8,354
Depreciation	332	429	455	590	728	830	899	927
Direct Taxes Paid	-1,005	-607	-1,081	-1,310	-871	-1,301	-1,752	-2,103
(Inc.)/Dec. in WC	811	-874	-2,257	244	-684	-800	-1,542	-1,197
CF from Operations	4,159	2,190	1,271	5,155	3,382	4,071	4,582	6,003
(Inc.)/Dec. in FA	-3,094	-490	-1,618	-2,991	-2,294	-5,500	-2,000	-2,000
Free Cash Flow	1,065	1,700	-347	2,163	1,087	-1,429	2,582	4,003
Change in Investments	-674	127	267	-366	-1,277	0	0	0
Others	1,793	-1,619	-1,206	22	38	-433	-835	-648
CF from Investments	-1,975	-1,982	-2,558	-3,335	-3,534	-5,933	-2,835	-2,648
Issue of Shares	0	0	0	0	0	0	0	0
Inc./(Dec.) in Debt	0	17	164	4	-104	3,954	-1,000	-1,800
Interest Paid	-11	-2	-3	-14	-36	-10	-15	-21
Dividend Paid	-1,046	-55	-618	-670	-723	-904	-1,169	-1,403
CF from Fin. Activity	-1,090	-31	-462	-613	-1,065	3,039	-2,184	-3,224
Inc./Dec. in Cash	1,094	176	-1,749	1,207	-1,216	1,176	-437	131
Opening Balance	492	1,586	1,762	13	1,219	3	1,179	743
Closing Balance	1,585	1,762	13	1,219	3	1,179	743	874

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

Explanation of Investment Rating	
Investment Rating	Expected return (over 12-month)
BUY	$\geq 15\%$
SELL	$< -10\%$
NEUTRAL	$-10\% \text{ to } 15\%$
UNDER REVIEW	Rating may undergo a change
NOT RATED	We have forward looking estimates for the stock but we refrain from assigning recommendation

*In case the recommendation given by the Research Analyst is inconsistent with the investment rating legend for a continuous period of 30 days, the Research Analyst shall be within following 30 days take appropriate measures to make the recommendation consistent with the investment rating legend.

Disclosures

The following Disclosures are being made in compliance with the SEBI Research Analyst Regulations 2014 (herein after referred to as the Regulations).

Motilal Oswal Financial Services Ltd. (MOFSL) is a SEBI Registered Research Analyst having registration no. INH000000412. MOFSL, the Research Entity (RE) as defined in the Regulations, is engaged in the business of providing Stock broking services, Depository participant services & distribution of various financial products. MOFSL is a listed public company, the details in respect of which are available on www.motilaloswal.com. MOFSL (erstwhile Motilal Oswal Securities Limited - MOSL) is registered with the Securities & Exchange Board of India (SEBI) and is a registered Trading Member with National Stock Exchange of India Ltd. (NSE) and Bombay Stock Exchange Limited (BSE), Multi Commodity Exchange of India Limited (MCX) and National Commodity & Derivatives Exchange Limited (NCDEX) for its stock broking activities & is Depository participant with Central Depository Services Limited (CDSL) National Securities Depository Limited (NSDL), NERL, COMRIS and CCRL and is member of Association of Mutual Funds of India (AMFI) for distribution of financial products and Insurance Regulatory & Development Authority of India (IRDA) as Corporate Agent for insurance products. Details of associate entities of Motilal Oswal Financial Services Limited are available on the website at <http://online.reports.motilaloswal.com/Dormant/documents/List%20of%20Associate%20companies.pdf>

MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may; (a) from time to time, have a long or short position in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein. (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 company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies) or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.

MOFSL and / or its affiliates do and seek to do business including investment banking with companies covered in its research reports. As a result, the recipients of this report should be aware that MOFSL may have a potential conflict of interest that may affect the objectivity of this report. Compensation of Research Analysts is not based on any specific merchant banking, investment banking or brokerage service transactions. Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at <https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx>

A graph of daily closing prices of securities is available at www.nseindia.com, www.bseindia.com. Research Analyst views on Subject Company may vary based on Fundamental research and Technical Research. Proprietary trading desk of MOFSL or its associates maintains arm's length distance with Research Team as all the activities are segregated from MOFSL research activity and therefore it can have an independent view with regards to Subject Company for which Research Team have expressed their views.

Regional Disclosures (outside India)

This report is not directed or intended for distribution to or use by any person or entity resident in a state, country or any jurisdiction, where such distribution, publication, availability or use would be contrary to law, regulation or which would subject MOFSL & its group companies to registration or licensing requirements within such jurisdictions.

For Hong Kong:

This report is distributed in Hong Kong by Motilal Oswal capital Markets (Hong Kong) Private Limited, a licensed corporation (CE AYY-301) licensed and regulated by the Hong Kong Securities and Futures Commission (SFC) pursuant to the Securities and Futures Ordinance (Chapter 571 of the Laws of Hong Kong) "SFO". As per SEBI (Research Analyst Regulations) 2014 Motilal Oswal Securities (SEBI Reg. No. INH000000412) has an agreement with Motilal Oswal capital Markets (Hong Kong) Private Limited for distribution of research report in Hong Kong. This report is intended for distribution only to "Professional Investors" as defined in Part I of Schedule 1 to SFO. Any investment or investment activity to which this document relates is only available to professional investor and will be engaged only with professional investors." Nothing here is an offer or solicitation of these securities, products and services in any jurisdiction where their offer or sale is not qualified or exempt from registration. The Indian Analyst(s) who compile this report is/are not located in Hong Kong & are not conducting Research Analysis in Hong Kong.

For U.S.

Motilal Oswal Financial Services Limited (MOFSL) is not a registered broker - dealer under the U.S. Securities Exchange Act of 1934, as amended (the "1934 act") and under applicable state laws in the United States. In addition MOFSL is not a registered investment adviser under the U.S. Investment Advisers Act of 1940, as amended (the "Advisers Act") and together with the 1934 Act, the "Acts"), and under applicable state laws in the United States. Accordingly, in the absence of specific exemption under the Acts, any brokerage and investment services provided by MOFSL, including the products and services described herein are not available to or intended for U.S. persons. This report is intended for distribution only to "Major Institutional Investors" as defined by Rule 15a-6(b)(4) of the Exchange Act and interpretations thereof by SEC (henceforth referred to as "major institutional investors"). This document must not be acted on or relied on by persons who are not major institutional investors. Any investment or investment activity to which this document relates is only available to major institutional investors and will be engaged in only with major institutional investors. In reliance on the exemption from registration provided by Rule 15a-6 of the U.S. Securities Exchange Act of 1934, as amended (the "Exchange Act") and interpretations thereof by the U.S. Securities and Exchange Commission ("SEC") in order to conduct business with Institutional Investors based in the U.S., MOFSL has entered into a chaperoning agreement with a U.S. registered broker-dealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this chaperoning agreement.

The Research Analysts contributing to the report may not be registered /qualified as research analyst with FINRA. Such research analyst may not be associated persons of the U.S. registered broker-dealer, MOSIPL, and therefore, may not be subject to NASD rule 2711 and NYSE Rule 472 restrictions on communication with a subject company, public appearances and trading securities held by a research analyst account.

For Singapore

In Singapore, this report is being distributed by Motilal Oswal Capital Markets (Singapore) Pte. Ltd. ("MOCMSPL") (UEN 201129401Z), which is a holder of a capital markets services license and an exempt financial adviser in Singapore. This report is distributed solely to persons who (a) qualify as "institutional investors" as defined in section 4A(1)(c) of the Securities and Futures Act of Singapore ("SFA") or (b) are considered "accredited investors" as defined in section 2(1) of the Financial Advisers Regulations of Singapore read with section 4A(1)(a) of the SFA. Accordingly, if a recipient is neither an "institutional investor" nor an "accredited investor", they must immediately discontinue any use of this Report and inform MOCMSPL.

In respect of any matter arising from or in connection with the research you could contact the following representatives of MOCMSPL. In case of grievances for any of the services rendered by MOCMSPL write to grievances@motilaloswal.com.

Nainesh Rajani

Email: nainesh.rajani@motilaloswal.com

Contact: (+65) 8328 0276

Specific Disclosures

- Research Analyst and/or his/her relatives do not have a financial interest in the subject company(ies), as they do not have equity holdings in the subject company(ies). MOFSL has financial interest in the subject company(ies) at the end of the week immediately preceding the date of publication of the Research Report: Yes.
Nature of Financial interest is holding equity shares or derivatives of the subject company
- Research Analyst and/or his/her relatives do not have actual/beneficial ownership of 1% or more securities in the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report.
MOFSL has actual/beneficial ownership of 1% or more securities of the subject company(ies) at the end of the month immediately preceding the date of publication of Research Report: No
- Research Analyst and/or his/her relatives have not received compensation/other benefits from the subject company(ies) in the past 12 months.
MOFSL may have received compensation from the subject company(ies) in the past 12 months.
- Research Analyst and/or his/her relatives do not have material conflict of interest in the subject company at the time of publication of research report.
MOFSL does not have material conflict of interest in the subject company at the time of publication of research report.
- Research Analyst has not served as an officer, director or employee of subject company(ies).
- MOFSL has not acted as a manager or co-manager of public offering of securities of the subject company in past 12 months.
- MOFSL has not received compensation for investment banking /merchant banking/brokerage services from the subject company(ies) in the past 12 months.

8. MOFSL may have received any compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company(ies) in the past 12 months.
9. MOFSL may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.
10. MOFSL has not engaged in market making activity for the subject company.

The associates of MOFSL may have:

- financial interest in the subject company
- actual/beneficial ownership of 1% or more securities in the subject company at the end of the month immediately preceding the date of publication of the Research Report or date of the public appearance.
- received compensation/other benefits from the subject company in the past 12 months
- any other potential conflict of interests with respect to any recommendation and other related information and opinions.; however the same shall have no bearing whatsoever on the specific recommendations made by the analyst(s), as the recommendations made by the analyst(s) are completely independent of the views of the associates of MOFSL even though there might exist an inherent conflict of interest in some of the stocks mentioned in the research report.
- acted as a manager or co-manager of public offering of securities of the subject company in past 12 months
- 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 company(ies) discussed herein or act as an advisor or lender/borrower to such company(ies)
- received compensation from the subject company in the past 12 months for investment banking / merchant banking / brokerage services or from other than said services.
- Served subject company as its clients during twelve months preceding the date of distribution of the research report.

The associates of MOFSL has not received any compensation or other benefits from third party in connection with the research report

Above disclosures include beneficial holdings lying in demat account of MOFSL which are opened for proprietary investments only. While calculating beneficial holdings, It does not consider demat accounts which are opened in name of MOFSL for other purposes (i.e holding client securities, collaterals, error trades etc.). MOFSL also earns DP income from clients which are not considered in above disclosures.

Analyst Certification

The views expressed in this research report accurately reflect the personal views of the analyst(s) about the subject securities or issues, and no part of the compensation of the research analyst(s) was, is, or will be directly or indirectly related to the specific recommendations and views expressed by research analyst(s) in this report.

Terms & Conditions:

This report has been prepared by MOFSL and is meant for sole use by the recipient and not for circulation. The report and information contained herein is strictly confidential 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 MOFSL. The report is based on the facts, figures and information that are considered true, correct, reliable and accurate. The intent of this report is not recommendatory in nature. The information is obtained from publicly available media or other sources believed to be reliable. Such information has not been independently verified and no guaranty, representation of warranty, express or implied, is made as to its accuracy, completeness or correctness. All such information and opinions are subject to change without notice. The report is prepared solely for informational purpose and does not constitute an offer document or solicitation of offer to buy or sell or subscribe for securities or other financial instruments for the clients. Though disseminated to all the customers simultaneously, not all customers may receive this report at the same time. MOFSL will not treat recipients as customers by virtue of their receiving this report.

Disclaimer:

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. This report and information herein is solely for informational purpose and may 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. 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. Each recipient of this document should make such investigations as it deems necessary to arrive at an independent evaluation of an investment in the securities of companies referred to in this document (including the merits and risks involved), and should consult its own advisors to determine the merits and risks of such an investment. The investment discussed or views expressed may not be suitable for all investors. Certain transactions -including those involving futures, options, another derivative products as well as non-investment grade securities - involve substantial risk and are not suitable for all investors. No representation or warranty, express or implied, is made as to the accuracy, completeness or fairness of the information and opinions contained in this document. The Disclosures of Interest Statement incorporated in this document is provided solely to enhance the transparency and should not be treated as endorsement of the views expressed in the report. This information is subject to change without any prior notice. The Company reserves the right to make modifications and alternations to this statement as may be required from time to time without any prior approval. MOFSL, its associates, their directors and the employees may from time to time, effect or have effected an own account transaction in, or deal as principal or agent in or for the securities mentioned in this document. They may perform or seek to perform investment banking or other services for, or solicit investment banking or other business from, any company referred to in this report. Each of these entities functions as a separate, distinct and independent of each other. The recipient should take this into account before interpreting the document. This report has been prepared on the basis of information that is already available in publicly accessible media or developed through analysis of MOFSL. The views expressed are those of the analyst, and the Company may or may not subscribe to all the views expressed therein. This document is being supplied to you solely for your information and may not be reproduced, redistributed or passed on, directly or indirectly, to any other person or published, copied, in whole or in part, for any purpose. 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 MOFSL 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. Neither the Firm, not its directors, employees, agents or representatives shall be liable for any damages whether direct or indirect, incidental, special or consequential including lost revenue or lost profits that may arise from or in connection with the use of the information. The person accessing this information specifically agrees to exempt MOFSL or any of its affiliates or employees from, any and all responsibility/liability arising from such misuse and agrees not to hold MOFSL or any of its affiliates or employees responsible for any such misuse and further agrees to hold MOFSL or any of its affiliates or employees free and harmless from all losses, costs, damages, expenses that may be suffered by the person accessing this information due to any errors and delays.

This report is meant for the clients of Motilal Oswal only.

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.

Registered Office Address: Motilal Oswal Tower, Rahimtullah Sayani Road, Opposite Parel ST Depot, Prabhadevi, Mumbai-400025; Tel No.: 022 - 71934200 / 71934263;

www.motilaloswal.com. Correspondence Address: Palm Spring Centre, 2nd Floor, Palm Court Complex, New Link Road, Malad (West), Mumbai- 400 064. Tel No: 022 71881000. Details of Compliance Officer: Neeraj Agarwal, Email Id: na@motilaloswal.com, Contact No.:022-40548085.

Grievance Redressal Cell:

Contact Person	Contact No.	Email ID
Ms. Hemangi Date	022 40548000 / 022 67490600	query@motilaloswal.com
Ms. Kumud Upadhyay	022 40548082	servicehead@motilaloswal.com
Mr. Ajay Menon	022 40548083	am@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDEX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412 . AMFI: ARN : 146822. IRDA Corporate Agent – CA0579. Motilal Oswal Financial Services Ltd. is a distributor of Mutual Funds, PMS, Fixed Deposit, Insurance, Bond, NCDs and IPO products.

Customer having any query/feedback/ clarification may write to query@motilaloswal.com. In case of grievances for any of the services rendered by Motilal Oswal Financial Services Limited (MOFSL) write to grievances@motilaloswal.com, for DP to dpgrievances@motilaloswal.com.