

Mankind Pharma

Estimate change

TP change

Rating change



Bloomberg	MANKIND IN
Equity Shares (m)	413
M.Cap.(INRb)/(USDb)	1063.8 / 11.1
52-Week Range (INR)	2674 / 1910
1, 6, 12 Rel. Per (%)	-1/25/2
12M Avg Val (INR M)	1249

Financials & Valuations (INR b)

Y/E MARCH	FY26	FY27E	FY28E
Sales	142.8	161.3	182.4
EBITDA	36.2	42.5	49.3
Adj. PAT	20.2	24.9	30.1
EBITDA Margin (%)	25.4	26.4	27.1
Cons. Adj. EPS (INR)	49.0	60.2	72.9
EPS Gr. (%)	5.4	22.9	21.0
BV/Sh. (INR)	395.1	441.5	497.7

Ratios

Net D:E	0.2	0.1	0.0
RoE (%)	13.2	14.4	15.5
RoCE (%)	11.6	12.7	14.8
Payout (%)	18.9	20.0	20.0

Valuations

P/E (x)	52.6	42.8	35.4
EV/EBITDA (x)	31.6	26.3	22.2
Div. Yield (%)	0.4	0.5	0.6
FCF Yield (%)	3.4	5.4	4.8
EV/Sales (x)	8.0	6.9	6.0

Shareholding pattern (%)

As On	Jun-26	Mar-26	Jun-25
Promoter	72.6	72.7	72.7
DII	15.4	14.5	11.5
FII	9.5	10.2	13.1
Others	2.5	2.6	2.8

FII Includes depository receipts

CMP: INR2,576

TP: INR2,975 (+15%)

Buy

Secondary sales growth catches up with IPM

Enhanced efforts and acute recovery drive re-acceleration

- Mankind Pharma's (MANKIND) reported revenue/EBITDA was in line with expectations for 1QFY27. It missed PAT expectations for the quarter, driven by lower other income and a higher tax rate.
- This is the second consecutive quarter of double-digit YoY growth in the prescription business (Ex-Consumer Health), led by momentum across chronic therapies and recovery in acute therapy.
- Consumer health growth was muted for 1QFY27, impacted by the discontinuation of discounted cash-and-carry sales. With normalization of channel rationalization, MANKIND expects to deliver high single-digit to double-digit growth next quarter onwards.
- Notably, MANKIND achieved superior growth in exports (ex- BSV), led by new product launches in the US and favorable currency movements.
- The BSV scale-up has been encouraging, with 21% YoY growth in 1QFY27. Domestic BSV revenue rose 17% YoY and international revenue grew 25% YoY.
- We reduce our earnings estimate for FY27 by 4%, factoring in muted performance of the consumer health segment. We value MANKIND at 40x 12M forward earnings to arrive at a TP of INR2,975.
- After two years of stable earnings, we expect 22% earnings CAGR over FY26-28, led by: a) sustained momentum in chronic therapies, b) recovery of acute portfolio, c) increasing share of specialty portfolio, and d) improved traction in the BSV portfolio. **Reiterate BUY.**

Revenue growth and segment mix drive better profitability YoY

- Sales grew 12.9% YoY to INR40.3b for the quarter (vs est. INR39.9b).
- Gross margin expanded 225bp to 72.8%.
- EBITDA margin expanded 250bp YoY to 26.2% (vs est. 27.7%).
- Accordingly, EBITDA grew at 24.7% YoY to INR10.6b (vs our estimates of INR11.1b).
- Adj. PAT grew 31.5% YoY to INR5.7b (our est: INR6.5b).

Rx/exports drive revenue growth; muted YoY growth in the CH segment

- Domestic business (85% of sales) grew 10.5% YoY to INR34.3b during the quarter, driven by strong growth in the BSV specialty business.
- Prescription business (Rx) (93% of domestic sales) grew 11% YoY to INR31.8b, driven by strong performance in chronic therapies and recovery in acute therapies.
- Consumer business (7% of domestic sales) grew 3.9% YoY to INR2.5b.
- Exports (15% of sales) grew 29% YoY to INR6b.

Highlights from the management commentary

- MANKIND reiterated its guidance of healthy double-digit YoY growth in the prescription segment for FY27.
- MANKIND indicated high-teen YoY growth in the BSV portfolio in FY27, supported by strategic measures.
- Given the softness in markets, the consumer health segment is expected to grow at high single digit to low double digits in FY27.
- MANKIND's covered market share has increased from 56% to 74% in anti-diabetes therapy.
- The company has maintained its GM guidance of 71% and EBITDA margin guidance of 25.5-26.5% for FY27.
- It witnessed 15.8% YoY growth in chronic therapies and 10.9% YoY growth in acute therapies in 1QFY27.
- The company intends to increase chronic share to 50% over the medium term.
- Finance cost reduced to INR1.1b in 1QFY27 from INR1.4b QoQ, largely driven by debt repayment (INR12.5b).

Quarterly Performance

Y/E March (INR m)	FY26				FY27E				FY26	FY27E	FY27	Var %
	1Q	2Q	3Q	4Q	1Q	2Q	3Q	4Q			1QE	
Gross Sales	35,704	36,972	35,672	34,429	40,306	41,719	40,162	39,142	142,776	161,329	39,892	1.0
YoY Change (%)	23.4	20.2	11.5	11.8	12.9	12.8	12.6	13.7	16.6	13.0	11.7	
Total Expenditure	27,236	27,758	26,442	25,131	29,744	30,372	29,800	28,887	106,567	118,803	28,842	
EBITDA	8,468	9,213	9,230	9,299	10,562	11,348	10,362	10,255	36,210	42,527	11,050	-4.4
YoY growth %	17.0	8.4	13.1	31.3	24.7	23.2	12.3	10.3	17.6	17.4	30.5	
Margins (%)	23.7	24.9	25.9	27.0	26.2	27.2	25.8	26.2	25.4	26.4	27.7	
Depreciation	2,187	2,218	2,226	2,231	2,257	2,321	2,234	2,177	8,862	8,989	2,224	
Interest	1,707	1,697	1,572	1,418	1,100	1,053	1,032	1,000	6,393	4,184	1,358	
Other Income	799	919	728	1,143	450	850	940	1,046	3,588	3,286	1,067	
PBT before EO expense	5,373	6,217	6,160	6,793	7,655	8,824	8,036	8,123	24,543	32,638	8,535	
Extra-Ord expense	0	0	1,066	232	0	0	0	0	1,298	0	0	
PBT	5,373	6,217	5,094	6,562	7,655	8,824	8,036	8,123	23,246	32,638	8,535	
Tax	958	1,038	951	998	1,954	2,074	1,808	1,820	3,946	7,655	2,006	
Rate (%)	17.8	16.7	18.7	15.2	25.5	23.5	22.5	22.4	17.0	23.5	23.5	
Minority Interest & P/L of Asso. Cos.	94.7	109.9	-32.1	-29.9	20.9	30.0	30.0	46.6	142.6	127.5	30.0	
Reported PAT	4,320	5,069	4,175	5,594	5,681	6,720	6,198	6,257	19,158	24,856	6,499	
Adj PAT	4,320	5,069	5,042	5,791	5,681	6,720	6,198	6,257	20,221	24,856	6,499	-12.6
YoY Change (%)	-24.3	-22.4	35.0	80.3	31.5	32.6	22.9	8.1	5.4	22.9	50.4	
Margins (%)	12.1	13.7	14.1	16.8	14.1	16.1	15.4	16.0	14.2	15.4	16.3	
EPS	10.8	12.7	12.6	14.5	14.2	16.8	15.5	15.6	49.0	60.2	16.2	



Management call highlights

- The CFO-to-EBITDA ratio was lower at 77% due to elevated effective tax rate and higher working capital requirement on account of inventory.
- GM was up 230bp YoY, led by price increase, better sales mix towards chronic therapies, and favorable base effect of last year.
- MANKIND is working on increasing penetration in existing markets and new launches to drive the international market business of BSV.
- Net debt - INR34b, down INR5b QoQ.
- A couple of launches and currency tailwind supported exports (Ex-BSV) in 1QFY27.

DF Rx momentum intact; CH segment sees moderation

DF: Chronic-led growth momentum/recovery in acute therapy continues

- The DF business grew 10.5% YoY to INR34.3b in 1QFY27, supported by double-digit growth in chronic therapies and strong traction in the BSV specialty portfolio.
- The chronic mix improved 80bp YoY to ~40% of domestic sales, driven by healthy growth in cardiac (+19.4%) and anti-diabetes (+12.7%) therapies during 1QFY27.
- The acute portfolio witnessed a recovery, led by gastro/VMN/gynaec therapies, which grew 1.2x/1.2x/1.05x, while key brands such as Nurokind-LC, Cefakind-CV, Pantakind, and Dydroboon continued to outperform their respective markets.
- The BSV portfolio delivered strong growth across women's health and fertility brands, with Foligraf (+39%), Humog (+39%), and Anti-D (+23%) recording healthy traction as per IQVIA Jun'26.
- MANKIND continued to maintain its #1 prescription rank for the ninth consecutive year, with prescription share of 15.2%.
- Overall, we expect the DF business to expand at a 13% CAGR over FY26-28, reaching INR144b, supported by continued chronic mix improvement, recovery in acute therapies, and BSV integration benefits.

Consumer Healthcare: Weakness in markets impacts 1QFY27 performance

- Consumer healthcare business grew 4% YoY to INR2.5b in 1QFY27, partly impacted by the base effect of discontinued cash and carry business.
- Modern trade and e-commerce channels continued to scale up strongly, with ~38% growth in 1QFY27, increasing channel contribution to ~15% versus 11%.
- Key OTC brands continued to witness healthy secondary sales growth during 1QFY27, including Gas-O-Fast (+10%) and Ova News (+36%).
- We expect the consumer healthcare business to expand at a 9.8% CAGR over FY26-28, reaching INR10.6b, supported by e-commerce expansion and continued brand investments.

Exports: Growth led by new product launches and BSV scale-up

- Export revenue grew 29% YoY to INR6b in 1QFY27, supported launches, currency tailwinds, and increased traction in the BSV portfolio.
- BSV exports grew 25% YoY for the quarter.
- MANKIND (excluding BSV) launched one new product in the US during 1QFY27, taking the cumulative launched products to 49.

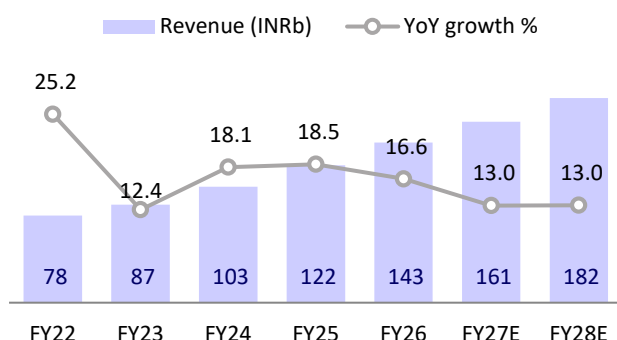
- Management highlighted several initiatives, such as increasing penetration in existing international markets, expanding registrations, and approvals in new geographies.
- Overall, we expect the exports segment to expand at a 16.6% CAGR over FY26-28, reaching INR28b, driven by new product launches and BSV integration synergies.

Reiterate BUY

- We reduce our earnings estimate for FY27 by 4%, factoring in muted consumer health segment performance. We value MANKIND at 40x 12M forward earnings to arrive at a TP of INR2,975.
- After two years of stable earnings, we expect 22% earnings CAGR over FY26-28, led by: a) sustained momentum in chronic therapies, b) recovery of acute portfolio, c) increasing share of specialty portfolio, and d) improved traction in the BSV portfolio. **Reiterate BUY.**

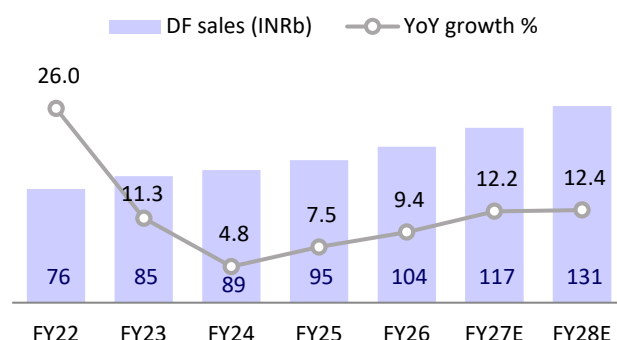
Story in charts

Exhibit 1: Expect 13% sales CAGR over FY26-28



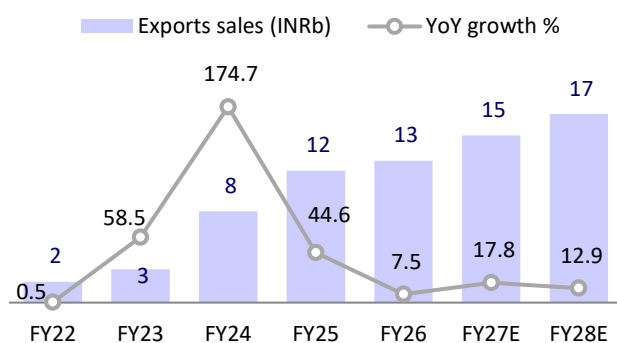
Source: Company, MOFSL

Exhibit 2: Expect 12.3% CAGR in DF (Ex-BSV) sales over FY26-28



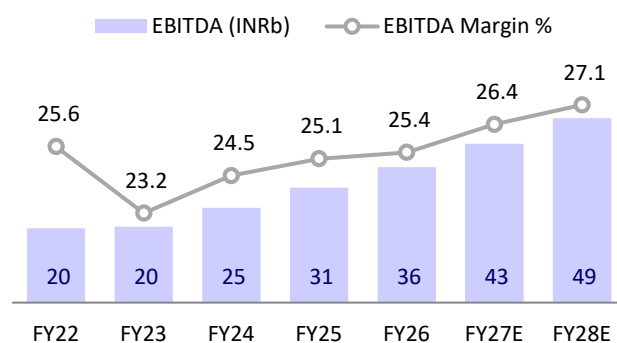
Source: Company, MOFSL

Exhibit 3: Expect export (ex-BSV) sales CAGR of 15.3% over FY26-28



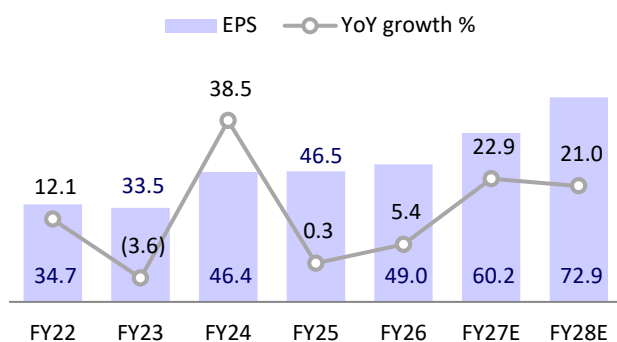
Source: Company, MOFSL

Exhibit 4: EBITDA margin to expand to ~27.1% by FY28



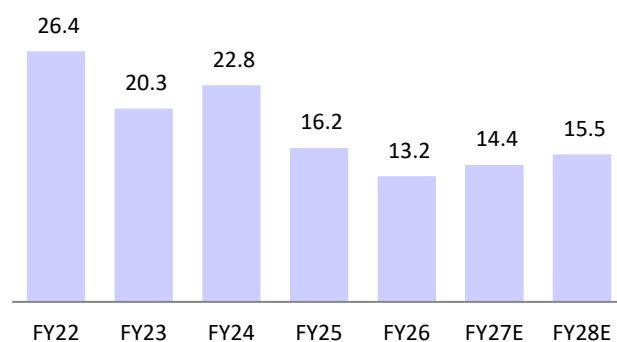
Source: Company, MOFSL

Exhibit 5: Expect EPS CAGR of ~22% over FY26-28



Source: Company, MOFSL

Exhibit 6: Return ratios to revive over FY27-28



Source: Company, MOFSL

Financials and Valuations

Mankind Pharma - Income Statement

(INRm)

Y/E March	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Total sales	77,816	87,490	103,348	122,480	142,776	161,329	182,365
Change (%)	25.2	12.4	18.1	18.5	16.6	13.0	13.0
Total Expenditure	57,922	67,201	77,997	91,698	106,567	118,803	133,030
EBITDA	19,894	20,289	25,351	30,782	36,210	42,527	49,335
Margin (%)	25.6	23.2	24.5	25.1	25.4	26.4	27.1
Depreciation	1,666	3,259	3,983	6,212	8,862	8,989	9,554
EBIT	18,227	17,030	21,368	24,570	27,348	33,537	39,780
Int. and Finance Charges	586	445	335	4,294	6,393	4,184	3,583
Other Income	1,960	1,286	2,809	5,368	3,588	3,286	3,621
PBT bef. EO Exp.	19,602	17,871	23,842	25,644	24,543	32,638	39,819
EO Items	0	1,275	0	-830	1,298	0	0
PBT after EO Exp.	19,602	16,597	23,842	26,474	25,841	32,638	39,819
Total Tax	5,216	3,616	4,576	5,097	3,946	7,655	9,557
Tax Rate (%)	26.6	21.8	19.2	19.3	15.3	23.5	24.0
Minority Interest	50	162	137	79	143	128	186
Reported PAT	14,335	12,819	19,129	21,297	19,158	24,856	30,076
Adjusted PAT	14,335	13,816	19,129	19,188	20,221	24,856	30,076
Change (%)	12.1	-3.6	38.5	0.3	5.4	22.9	21.0
Margin (%)	18.4	15.8	18.5	15.7	14.2	15.4	16.5

Balance sheet

(INRm)

Y/E March	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Share Capital	401	401	401	413	413	413	413
Other equity	61,152	73,952	93,230	142,911	162,591	181,733	204,927
Net Worth	61,552	74,352	93,631	143,324	163,003	182,146	205,340
Minority Interest	1,611	1,881	2,127	2,358	2,607	2,480	2,293
Total Loans	8,680	1,626	1,960	84,830	62,043	37,043	22,043
Deferred Tax Liabilities	163	475	87	17,046	15,153	15,305	15,305
Other Non-Current Liabilities	1,031	1,557	2,050	2,512	3,101	3,503	3,960
Capital Employed	73,038	79,892	99,855	250,071	245,907	240,477	248,942
Gross Block	42,261	52,149	59,078	145,210	150,231	159,231	170,231
Less: Accum. Deprn.	6,638	9,897	13,879	20,091	28,953	37,943	47,497
Net Fixed Assets	35,623	42,253	45,199	125,119	121,278	121,289	122,734
Goodwill on Consolidation	204	200	200	64,926	64,926	64,926	64,926
Capital WIP	7,015	5,501	2,818	8,257	11,276	11,276	11,276
Total Investments	11,149	14,619	26,027	22,423	20,497	20,497	20,497
Other Non-Current Assets	1,770	1,759	1,483	2,818	5,402	6,103	6,899
Curr. Assets, Loans&Adv.	35,324	32,491	43,101	52,974	54,169	53,778	64,877
Inventory	17,602	14,985	15,535	20,937	21,445	28,730	33,975
Account Receivables	3,882	5,764	8,483	15,383	17,295	18,122	19,985
Cash and Bank Balance	4,059	4,532	11,980	5,545	4,828	3,644	7,207
Loans and Advances	9,780	7,210	7,104	11,109	10,601	3,282	3,710
Curr. Liability & Prov.	18,046	16,931	18,973	26,446	31,641	37,392	42,268
Account Payables	10,764	10,082	11,030	11,334	13,413	16,796	18,986
Other Current Liabilities	4,638	2,999	2,819	6,922	7,604	8,592	9,712
Provisions	2,645	3,849	5,124	8,189	10,624	12,004	13,570
Net Current Assets	17,277	15,560	24,128	26,529	22,528	16,386	22,609
Appl. of Funds	73,038	79,892	99,855	250,071	245,907	240,478	248,943

Financials and Valuations

Ratios

Y/E March	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
Basic (INR)							
EPS	34.7	33.5	46.4	46.5	49.0	60.2	72.9
Cash EPS	39.9	42.6	57.7	61.6	70.5	82.0	96.1
BV/Share	153.7	185.6	233.7	347.4	395.1	441.5	497.7
DPS	0.0	0.0	9.6	10.3	9.3	12.0	14.6
Payout (%)	0.0	0.0	20.6	22.2	18.9	20.0	20.0
Valuation (x)							
P/E	74.2	77.0	55.6	55.4	52.6	42.8	35.4
Cash P/E	64.5	60.5	44.7	41.9	36.6	31.4	26.8
P/BV	16.8	13.9	11.0	7.4	6.5	5.8	5.2
EV/Sales	13.2	11.9	10.0	8.6	8.0	6.9	6.0
EV/EBITDA	51.7	51.1	40.6	34.2	31.6	26.3	22.2
Dividend Yield (%)	NA	NA	0.4	0.4	0.4	0.5	0.6
FCF per share	-35.5	25.7	45.9	47.6	57.9	89.9	80.0
Return Ratios (%)							
RoE	26.4	20.3	22.8	16.2	13.2	14.4	15.5
RoCE	24.7	19.6	22.8	14.9	11.6	12.7	14.8
RoIC	35.0	25.1	24.8	12.0	9.4	10.6	12.4
Working Capital Ratios							
Asset Turnover (x)	1.1	1.1	1.0	0.5	0.6	0.7	0.7
Inventory (Days)	69	68	54	54	54	57	63
Debtor (Days)	18	24	30	46	44	41	40
Creditor (Days)	50	42	39	34	34	38	38
Leverage Ratio (x)							
Net Debt/Equity	-0.1	-0.2	-0.4	0.4	0.2	0.1	0.0

Cash Flow statement

(INRm)

Y/E March	FY22	FY23	FY24	FY25	FY26	FY27E	FY28E
OP/(Loss) before Tax	19,746	16,712	23,994	25,248	23,327	32,638	39,819
Depreciation	1,666	3,259	3,983	6,212	8,862	8,989	9,554
Interest & Finance Charges	321	445	330	4,040	6,393	4,184	3,583
Direct Taxes Paid	-4,995	-3,231	-4,795	-5,668	-5,927	-7,655	-9,557
(Inc)/Dec in WC	-5,861	1,667	204	-1,464	1,048	4,660	-3,000
CF from Operations	10,877	18,852	23,714	28,368	33,702	42,817	40,400
Others	-1,679	-719	-2,190	-4,234	-2,489	3,286	3,621
CF from Operating incl EO	9,198	18,133	21,524	24,134	31,213	46,103	44,021
(Inc)/Dec in FA/IA	-23,424	-7,830	-3,147	-4,488	-7,343	-9,000	-11,000
Free Cash Flow	-14,226	10,303	18,377	19,646	23,870	37,103	33,021
(Pur)/Sale of Investments	4,921	-1,892	-17,388	-54,714	-46,797	0	0
Others	4,811	-819	388	-67,035	52,175	-3,286	-3,621
CF from Investments	-13,691	-10,541	-20,147	-126,236	-1,964	-12,286	-14,621
Increase in equity capital				29,632	215	0	0
Inc/(Dec) in Debt	6,242	-6,978	315	73,782	-22,400	-25,000	-15,000
Interest Paid	-178	-419	-262	-981	-6,690	-4,184	-3,583
Dividend paid				0	413	-5,841	-7,068
Others	-18	278	6,687	-6,766	-1,503	25	-186
CF from Fin. Activity	6,046	-7,119	6,740	95,668	-29,966	-35,001	-25,837
Inc/Dec of Cash	1,553	472	8,118	-6,435	-717	-1,184	3,563
Opening Balance	1,273	4,059	4,532	11,980	5,545	4,828	3,644
Closing Balance	2,826	4,532	12,650	5,545	4,828	3,644	7,207
Total Cash & Cash Eq	4,059	4,532	11,980	5,545	4,828	3,644	7,207

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

NOTES

Explanation of Investment Rating	
Investment Rating	Expected return (over 12-month)
BUY	>=15%
SELL	< - 10%
NEUTRAL	< - 10 % 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 and BSE enlistment no. 5028. 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 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 and is a member of Association of Portfolio Managers in India (APMI) for distribution of PMS products. Details of associate entities of Motilal Oswal Financial Services Ltd. are available on the website at <http://onlinereports.motilaloswal.com/Dormant/documents/Associate%20Details.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>. As per Regulatory requirements, Research Audit Report is uploaded on www.motilaloswal.com > MOFSL-Important Links > MOFSL Research Analyst Compliance Audit Report.

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.
- 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.
- MOFSL may have received compensation or other benefits from the subject company(ies) or third party in connection with the research report.
- 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 alterations 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, enlistment as RA with Exchange 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
Mr. Neeraj Agarwal	022 40548085	na@motilaloswal.com
Mr. Siddhartha Khemka	022 50362452	po.research@motilaloswal.com

Registration details of group entities.: Motilal Oswal Financial Services Ltd. (MOFSL): INZ000158836 (BSE/NSE/MCX/NCDX); CDSL and NSDL: IN-DP-16-2015; Research Analyst: INH000000412, BSE enlistment no. 5028, AMFI registered Mutual Fund Distributor and SIF Distributor: ARN : 146822. IRDA Corporate Agent – CA0579, APMI: APRN00233. 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 dp grievances@motilaloswal.com.