

Laurus Labs

←
\leftarrow

Bloomberg	LAURUS IN
Equity Shares (m)	532
M.Cap.(INRb)/(USDb)	216 / 2.6
52-Week Range (INR)	531 / 279
1, 6, 12 Rel. Per (%)	3/20/-35
12M Avg Val (INR M)	855

Financials & valuations (INR b)

iis (iiitit	- /	
FY23	FY24E	FY25E
60.4	55.7	63.8
15.9	12.0	17.5
8.0	4.9	9.1
21.0	14.8	21.4
14.8	9.1	16.9
-4.3	-38.2	84.5
75.2	82.9	97.1
0.5	0.4	0.4
21.5	11.6	18.7
16.3	9.9	14.8
15.6	15.6	15.6
27.1	43.8	23.7
14.8	19.6	13.5
0.5	0.3	0.5
0.0	1.3	1.4
3.9	4.2	3.7
	FY23 60.4 15.9 8.0 21.0 14.8 -4.3 75.2 0.5 21.5 16.3 15.6 27.1 14.8 0.5 0.0	FY23 FY24E 60.4 55.7 15.9 12.0 8.0 4.9 21.0 14.8 14.8 9.1 -4.3 -38.2 75.2 82.9 0.5 0.4 21.5 11.6 16.3 9.9 15.6 15.6 27.1 43.8 14.8 19.6 0.5 0.3 0.0 1.3

Shareholding pattern (%)

As On	Sep-23	Jun-23	Sep-22
Promoter	27.2	27.2	27.3
DII	11.0	10.4	9.4
FII	24.0	22.5	22.7
Others	37.8	39.9	40.7

FII includes depository receipts

CMP: INR400 TP: INR460 (+15%) Buy

Lower RM cost revives margin on sequential basis

Commercial validation of Animal health product initiated in Oct'23

- Laurus Lab (LAURUS) delivered a miss for 2QFY24 earnings, led by gradual traction in the CDMO segment. Subsequently, reduced operating leverage affected profitability as well for the quarter.
- We have cut our earnings estimate by 21%/4% for FY24/FY25 to factor in a) slower ramp-up in Non-ARV formulation (FDF) and API business, b) gradual improvement in the CDMO segment over the medium term and c) front-loading of operational cost. We value LAURUS at 24x 12M forward earnings to arrive at a price target of INR460.
- The earnings are expected to decline 37% YoY in FY24 due to a) a high base related to one-time purchase order executed in FY23, b) pricing pressure and lower volume off-take in the ARV segment over the past 12M and c) delay in commercial benefit from non-ARV formulation business. However, given the significant investment of INR30b over FY22-24E, robust order-book in the CDMO segment in place, and new launches in Non-ARV formulation segment, we expect FY25 to be much better than FY24. We reiterate our BUY rating on the stock.

Lower CDMO sales drags earnings on YoY basis

- LAURUS 2QFY24 revenues were down 22.3% YoY to INR12.2b (our est. INR13.1b). Synthesis business (18% of sales) was down 69% YoY to INR2.2b. This decline was due to a high base set in the previous year when a large purchase order was executed. API sales (51% of sales) declined 7.5% YoY to INR6.3b. Other API segment sales declined 38% YoY to INR1.4b. ARV API sales declined 9% YoY to INR3.7b. Onco API sales grew 2.5x YoY to INR1.2b. FDF sales grew 2x YoY to INR3.3b (27% of sales), due to a sharp rebound in ARV and increased non-ARV sales. Bio division sales (4% of sales) grew 44% YoY to INR390m.
- The Gross Margin (GM) contracted 260bp YoY to 52.5%, due to lower raw material cost and higher benefit from backward integration.
- EBITDA margin contracted from 28.5% to 15.3% (our est: 17.2%) due to lower operating leverage (other expenses/employee cost up 650bp/410p YoY as a percentage of sales).
- EBITDA declined 58% YoY to INR1.9b (Our est. INR2.3b).
- PAT declined at a higher rate of 84% YoY to INR370m (our est: INR730m) on account of higher depreciation/interest expense and lower 'other income'.
- For 1HFY24, Revenue/EBITDA/PAT declined 23%/61%/87% YoY to INR24b/INR3.5b/INR640m.

Highlights from the management commentary

 LAURUS reiterated that FY24 is the year of consolidation. The sales run-rate would improve as animal health contract, generics and biotech business are expected to scale up going forward.

Tushar Manudhane - Research Analyst (Tushar.Manudhane@MotilalOswal.com)

Research Analyst: Sumit Gupta (sumit.g@motilaloswal.com) | Akash Manish Dobhada- (Akash.Dobhada@motilaloswal.com)

- Due to regulatory setback faced by competitors, the onco-API business has seen improved prospects. The sales run-rate observed in 2Q is expected to sustain in the coming quarters as well.
- The Non-ARV formulation sales stood at INR1.1b for the quarter, up 12% YoY.

Consolidated - Quarterly Earnin	g Model											(INRb)
Y/E Mar (INRb)		FY2	FY23 FY24E			FY24E		FY23	FY24E	FY24E	vs Est	
	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE			2QE	(%)
Net Sales	15.4	15.8	15.4	13.8	11.8	12.2	14.2	17.5	60.4	55.7	13.1	-6.8
YoY Change (%)	20.4	30.9	50.2	-3.1	-23.2	-22.3	-8.3	26.4	22.4	-7.8	-16.6	
Total Expenditure	10.8	11.3	11.4	11.0	10.2	10.4	10.7	12.4	44.5	43.7	10.9	
EBITDA	4.5	4.5	4.0	2.9	1.7	1.9	3.5	5.0	15.9	12.0	2.3	-16.9
YoY Change (%)	14.9	30.1	41.5	-28.0	-63.3	-58.1	-14.0	75.5	11.9	-24.5	-49.7	
Margins (%)	29.5	28.5	26.1	20.7	14.1	15.3	24.5	28.7	26.4	21.6	17.2	
Depreciation	0.7	0.8	0.8	0.9	0.9	0.9	0.9	1.0	3.2	3.8	0.9	
EBIT	3.8	3.7	3.2	2.0	0.8	0.9	2.5	4.0	12.7	8.3	1.4	-30.0
YoY Change (%)	13.8	30.2	44.2	-40.0	-80.1	-74.3	-20.7	102.3	8.3	-34.9	-63.2	
Margins (%)	24.9	23.3	20.7	14.4	6.4	7.7	17.9	23.0	21.0	14.8	10.3	
Interest	0.3	0.4	0.4	0.5	0.4	0.4	0.4	0.5	1.7	1.8	0.4	
Other Income	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.1	0.2	0.0	
PBT before EO expense	3.6	3.3	2.8	1.5	0.4	0.5	2.2	3.5	11.1	6.6	1.0	-45.0
Extra-Ord expense	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
PBT	3.6	3.3	2.8	1.5	0.4	0.5	2.2	3.5	11.1	6.6	1.0	-45.0
Tax	1.0	0.9	0.7	0.4	0.1	0.1	0.5	0.8	3.1	1.7	0.2	
Rate (%)	29.0	28.7	26.9	27.1	30.0	27.0	25.2	24.0	28.2	25.0	25.5	
Reported PAT	2.5	2.3	2.0	1.1	0.3	0.4	1.6	2.7	8.0	4.9	0.7	-49.4
Adj PAT	2.5	2.3	2.0	1.1	0.3	0.4	1.6	2.7	8.0	4.9	0.7	-49.4
YoY Change (%)	4.5	14.6	31.0	-54.6	-89.4	-84.2	-20.7	154.3	-4.3	-38.2	-68.8	
Margins (%)	16.4	14.8	13.1	7.6	2.3	3.0	11.4	15.3	13.2	8.8	5.6	

E: MOFSL Estimates

Key performance Indicators (Consol	Key performance Indicators (Consolidated)									(INRb)	
Y/E March		FY2	23			FY2	24E		FY23	FY24E	FY24E
INRb	1Q	2Q	3Q	4Q	1Q	2Q	3QE	4QE			2QE
API	5.8	6.8	6.3	7.1	6.0	6.3	6.6	7.2	26.1	26.0	6.3
YoY Change (%)	6.2	29.0	49.1	32.5	2.4	(7.5)	3.6	1.4	28.0	(0.2)	(7.1)
Custom Synthesis	5.8	7.2	6.4	2.3	2.5	2.2	3.7	5.6	21.7	14.1	3.2
YoY Change (%)	195.9	364.5	210.1	(36.7)	(56.7)	(68.9)	(42.4)	147.6	136.3	(35.0)	(55.6)
Formulation	3.5	1.5	2.5	3.9	2.9	3.3	3.5	4.0	11.4	13.7	3.1
YoY Change (%)	(33.0)	(69.9)	(33.2)	(20.0)	(18.3)	122.8	40.6	2.0	(39.4)	20.0	108.1
Cost Break-up											
RM Cost (% of Sales)	42.4	44.9	46.6	50.3	49.4	47.5	46.0	45.9	45.9	47.0	49.8
Staff Cost (% of Sales)	9.9	9.3	9.5	9.7	13.5	13.4	10.5	9.3	9.6	11.4	12.0
R&D Expenses(% of Sales)	3.2	3.1	3.6	3.5	4.1	4.7	3.9	2.8	2.8	3.1	3.7
Other Cost (% of Sales)	18.2	17.3	17.8	19.3	22.9	23.8	19.0	16.1	18.1	20.0	21.0
Gross Margins(%)	57.6	55.1	53.4	49.7	50.6	52.5	54.0	54.1	54.1	53.0	50.2
EBITDA Margins(%)	29.5	28.5	26.1	20.7	14.1	15.3	24.5	28.7	26.4	21.6	17.2
EBIT Margins(%)	24.9	23.3	20.7	14.4	6.4	7.7	17.9	23.0	21.0	14.8	10.3
E: MOESI Estimatos	•					•	•			•	

E: MOFSL Estimates



Other highlights from the management commentary

- The ARV business (FDF+API) formed 49% of 2QFY24 sales. The Non-ARV formulation sales stood at INR1.1b for the quarter.
- With marketing approval granted by CDSCO for CAR-T cell therapy, LAURUS intends to file for the Mexico market. LAURUS also has work-in-progress for a licensing deal specifically targeted for the EU market.
- LAURUS expects the bio division to generate INR900m in revenue for 2HFY24.

- In 1HFY24, the company has filed 1 ANDA. 1HY24 Developed Market filings: 5 product dossiers were filed and a total of 4 approvals received (including Tentative approvals).
- LAURUS filed 3 DMFs during the quarter in the non ARV segment.
- Capex for the quarter stood at INR1.8b and for 1HFY24, it was INR3.8b.
- Commercial Validation of Products at Animal health site will be initiated in 2HFY24. R&D site will be ready by FY24.
- The capacity for biotech business is optimized and commercial benefit is expected from Dec'23.

Key exhibits

Exhibit 1: Revenue declined 22% YoY in 2QFY24

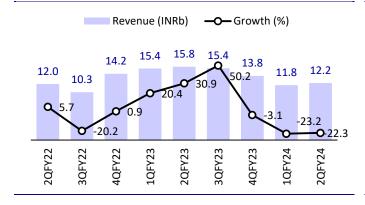


Exhibit 2: Share of FDF sales stood at 28% in 2QFY24

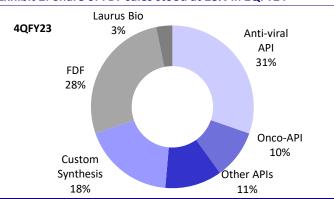


Exhibit 3: API sales grew 7.5% YoY in 2QFY24

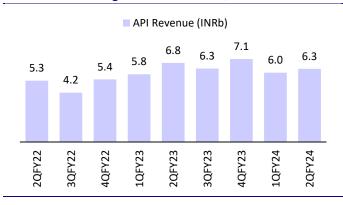


Exhibit 4: ARV-API sales declined 9% YoY in 2QFY24

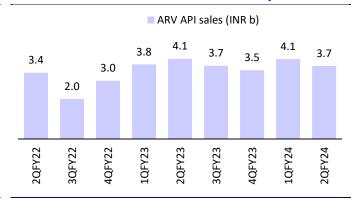


Exhibit 5: Gross margin contracted ~250bp YoY in 2QFY24

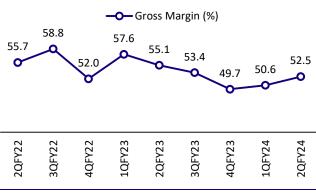
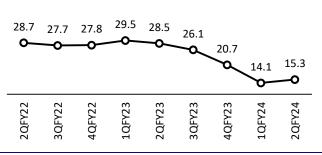


Exhibit 6: EBITDA margin contracted ~1,320bp YoY in 2QFY24

EBITDA Margin (%)



Source: MOFSL, Company Source: MOFSL, Company

WIP on new capacity to lead growth in medium term

CDMO: Efforts underway to add capabilities, garner newer contract, and scale up existing contracts

- In 1HFY24, the CDMO sales declined 63% YoY to INR5b. This was due to the high base of last year, led by large PO executed in 1HFY23.
- However, accelerating demand on baseline projects and commercial validation of Animal health product would aid growth in the coming quarters.
- Additionally, new R&D lab is coming online by the end of FY24.Commercial manufacturing by the end of 2HFY25 would further boost the CDMO business.
- With an ongoing supply for 10 commercial API projects, LAURUS is working on
 60 current projects at different levels of development.
- Adjusting for one-time purchase order in FY23, we expect 21% sales CAGR in the CDMO segment to reach INR17b over FY23-25.

New product launches/new contracts to fuel growth in FDF/API segment

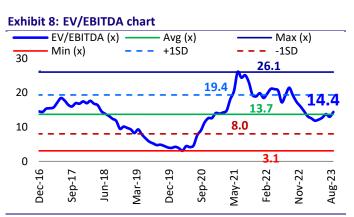
- In 1HFY24, ARV formulation business grew 31% YoY to INR4b as the ARV segment witnessed a sharp recovery, supported by price growth and increase in volumes in the developed market. While the ARV API segment witnessed a slight decline of 1% as lower realization was offset by increased volumes.
- We expect ARV (FDF and API) sales to remain flat over FY23-25 to INR25b as pricing pressure would keep growth under check.
- In 1HFY24, the Non-ARV FDF sales grew 11.6% to INR2b due to enhanced contracts from Europe and NA. However, in the Non ARV API segment, the company registered a decline of 5.7% due to shipment issues. This decrease was offset by better traction in the oncology API business.
- We expect Non ARV segment (FDF and API) sales to register a growth of 25% over FY23-25 to INR19b, due to favorable demand, healthy order book, and new approvals.

Reiterate Buy

- We have cut our earnings estimate by 21%/4% for FY24/FY25 to factor in a) slower ramp-up in Non-ARV formulation and API business, b) gradual improvement in the CDMO segment over the medium term, and c) front-loading of operational cost. We value LAURUS at 24x 12M forward earnings to arrive at a price target of INR460.
- The earnings are expected to decline 36% YoY in FY24 due to a) a high base related to one-time purchase order executed in FY23, b) pricing pressure and lower volume off-take in the ARV segment over the past 12M and c) delay in commercial benefit from non-ARV formulation business. However, given the significant investment of INR30b over FY22-24, robust order-book in the CDMO segment in place, new launches in the Non-ARV formulation segment, we expect FY25 to be much better than FY24. We reiterate our BUY rating on the stock.

MOTILAL OSWAL Laurus Labs

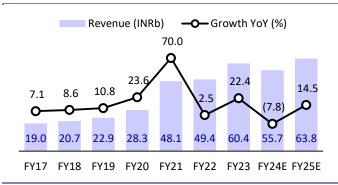
Exhibit 7: P/E chart P/E (x) Avg (x) Max (x) Min (x) +1SD -1SD 60 50.6 40 40.4 27.2 20 26.5 Oct-23 Jul-17 Sep-18 Apr-19 Mar-23 Dec-20 Jul-21 May-20 Feb-22



Source: MOFSL, Company, Bloomberg

Story in charts

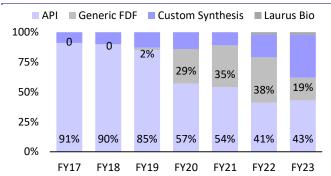
Exhibit 9: Sales CAGR to be 3% over FY23-25



Source: MOFSL, Company

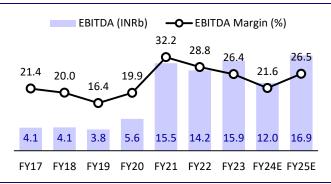
Source: MOFSL, Company, Bloomberg

Exhibit 10: Diversified revenue mix



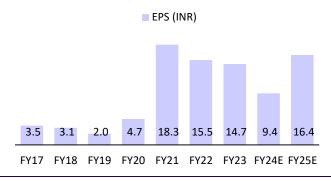
Source: MOFSL, Company

Exhibit 11: EBITDA CAGR to be 3% over FY23-25



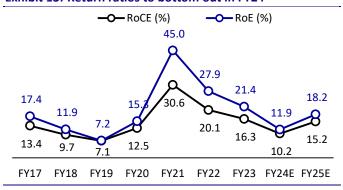
Source: MOFSL, Company

Exhibit 12: EPS CAGR to be 6% over FY23-25



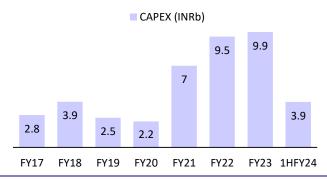
Source: MOFSL, Company

Exhibit 13: Return ratios to bottom out in FY24



Source: MOFSL, Company

Exhibit 14: Significant capex since FY21



Source: MOFSL, Company

Financials and valuations

Consolidated - Income Statement								(INRm)
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Total Income from Operations	20,690	22,919	28,317	48,135	49,356	60,406	55,687	63,782
Change (%)	8.6	10.8	23.6	70.0	2.5	22.4	-7.8	14.5
Total Expenditure	16,557	19,155	22,672	32,628	35,131	44,483	43,659	46,306
% of Sales	80.0	83.6	80.1	67.8	71.2	73.6	78.4	72.6
EBITDA	4,133	3,764	5,645	15,507	14,224	15,923	12,028	17,476
Margin (%)	20.0	16.4	19.9	32.2	28.8	26.4	21.6	27.4
Depreciation	1,255	1,642	1,873	2,051	2,515	3,241	3,774	3,826
EBIT	2,879	2,122	3,773	13,456	11,709	12,682	8,254	13,650
Int. and Finance Charges	796	882	896	682	1,024	1,652	1,786	1,697
Other Income	292	162	59	237	153	60	150	172
PBT bef. EO Exp.	2,374	1,402	2,936	13,011	10,839	11,090	6,619	12,126
EO Items	0	-204	0	0	0	0	0	0
PBT after EO Exp.	2,374	1,198	2,936	13,011	10,839	11,090	6,619	12,126
Total Tax	698	260	383	3,173	2,514	3,123	1,657	3,007
Tax Rate (%)	29.4	21.7	13.1	24.4	23.2	28.2	25.0	24.8
Minority Interest	0	0	0	0	2	32	34	35
Reported PAT	1,676	938	2,553	9,838	8,322	7,965	4,923	9,083
Adjusted PAT	1,676	1,097	2,553	9,838	8,322	7,965	4,923	9,083
Change (%)	-11.9	-34.5	132.6	285.4	-15.4	-4.3	-38.2	84.5
Margin (%)	8.1	4.8	9.0	20.4	16.9	13.2	8.8	14.2
Consolidated - Balance Sheet								(INRm)
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Equity Share Capital	1,060	1,064	1,069	1,073	1,075	1,077	1,077	1,077
Total Reserves	13,766	14,520	16,629	24,902	32,437	39,298	43,459	51,123
minority interest				32	79	111	111	111
Net Worth	14,826	15,584	17,698	26,007	33,591	40,487	44,647	52,312
Minority Interest	0	0	0	0	0	0	0	0
Total Loans	9,649	10,030	10,123	13,871	17,320	21,006	21,506	22,006
Deferred Tax Liabilities	-529	-534	-739	192	691	825	825	825
Capital Employed	23,946	25,081	27,081	40,070	51,602	62,317	66,978	75,142
Gross Block	17,851	20,976	23,821	27,949	35,283	46,085	55,241	64,323
Less: Accum. Deprn.	3,141	4,783	6,655	8,706	11,221	14,462	18,236	22,062
Net Fixed Assets	14,711	16,193	17,166	19,243	24,062	31,623	37,005	42,260
Goodwill on Consolidation	97	97	97	2,463	2,463	2,463	2,463	2,463
Capital WIP	1,632	1,096	672	3,622	8,132	5,508	5,852	5,570
Total Investments	34	34	34	34	308	993	993	993
Curr. Assets, Loans&Adv.	13,165	15,357	18,589	32,145	34,715	36,017	34,461	39,303
Inventory	5,848	6,819	9,052	15,755	17,603	16,848	15,789	17,381
Account Receivables	5,706	7,099	7,914	13,061	13,542	15,804	14,799	17,125
Cash and Bank Balance	31	30	17	485	759	485	1,218	1,756
Loans and Advances	1,580	1,408	1,605	2,845	2,811	2,880	2,655	3,041
Curr. Liability & Prov.	5,692	7,697	9,477	17,437	18,079	14,287	13,796	15,447
Account Payables	3,123	4,883	6,156	11,787	8,764	7,107	7,177	7,866
Other Current Liabilities	2,316	2,449	2,753	4,894	7,753	6,165	5,683	6,509
Provisions	253	365	568	757	1,562	1,016	936	1,072
Net Current Assets	7,473	7,660	9,112	14,708	16,637	21,730	20,665	23,856
Appl. of Funds	23,946	25,081	27,081	40,070	51,602	62,317	66,978	75,142

Financials and valuations

Ratios								
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
Basic (INR)								
EPS	3.1	2.0	4.7	18.3	15.5	14.8	9.1	16.9
Cash EPS	5.4	5.1	8.2	22.1	20.1	20.8	16.1	24.0
BV/Share	27.5	28.9	32.9	48.3	62.4	75.2	82.9	97.1
DPS	0.0	0.3	0.6	2.0	2.0	1.9	1.2	2.2
Payout (%)	0.0	20.4	15.1	13.1	15.6	15.6	15.6	15.6
Valuation (x)								
P/E	128.6	196.3	84.4	21.9	25.9	27.1	43.8	23.7
Cash P/E	73.5	78.7	48.7	18.1	19.9	19.2	24.8	16.7
P/BV	14.5	13.8	12.2	8.3	6.4	5.3	4.8	4.1
EV/Sales	10.9	9.8	8.0	4.8	4.7	3.9	4.2	3.7
EV/EBITDA	54.5	59.9	40.0	14.8	16.3	14.8	19.6	13.5
Dividend Yield (%)	0.0	0.1	0.1	0.5	0.5	0.5	0.3	0.5
FCF per share	-1.0	0.7	2.0	0.9	0.6	0.1	5.0	5.6
Return Ratios (%)		<u> </u>		0.0	0.0	V.=		5.0
RoE	11.9	7.2	15.3	45.0	27.9	21.5	11.6	18.7
RoCE	9.7	7.1	12.5	30.6	20.1	16.3	9.9	14.8
RoIC	9.7	7.2	13.0	32.7	23.0	18.6	10.8	16.3
Working Capital Ratios	3.7	7.2	13.0	32.7	23.0	10.0	10.0	10.5
Fixed Asset Turnover (x)	1.2	1.1	1.2	1.7	1.4	1.3	1.0	1.0
Asset Turnover (x)	0.9	0.9	1.0	1.2	1.0	1.0	0.8	0.8
Inventory (Days)	103	109	117	119	130	102	103	99
Debtor (Days)	101	113	102	99	100	95	97	98
Creditor (Days)	55	78	79	89	65	43	47	45
Leverage Ratio (x)		78	75	- 65	- 05	43	47	43
Current Ratio	2.3	2.0	2.0	1.8	1.9	2.5	2.5	2.5
Interest Cover Ratio	3.6	2.4	4.2	19.7	11.4	7.7	4.6	8.0
	0.6		0.6					
Net Debt/Equity	0.6	0.6	0.6	0.5	0.5	0.5	0.4	0.4
Canadidated Cosh Flow Statement								(INRm)
Consolidated - Cash Flow Statement	EV4.0	EV4.0	EV20	EV24	EV22	EV/22	EV2.4E	
Y/E March	FY18	FY19	FY20	FY21	FY22	FY23	FY24E	FY25E
OP/(Loss) before Tax	2,374	1,198	2,936	13,011	10,839	11,089	6,619	12,126
Depreciation	1,255	1,642	1,873	2,051	2,515	3,241	3,774	3,826
Interest & Finance Charges	505	720	837	579	862	1,455	1,635	1,525
Direct Taxes Paid	-698	-260	-383	-2,285	-1,823	-2,855	-1,655	-3,007
(Inc)/Dec in WC	-226	-187	-1,465	-5,941	-3,416	-3,153	1,799	-2,653
CF from Operations	3,209	3,113	3,797	7,415	8,977	9,778	12,173	11,817
Others	216	-136	-323	-85	135	161	0	0
CF from Operating incl EO	3,425	2,977	3,474	7,330	9,111	9,939	12,173	11,817
(Inc)/Dec in FA	-3,962	-2,589	-2,421	-6,839	-8,767	-9,875	-9,500	-8,800
Free Cash Flow	-537	387	1,053	491	344	64	2,673	3,017
(Pur)/Sale of Investments	0	0	0	-2,584	-393	-223	0	0
Others	120	60	210	13	17	137	150	172
CF from Investments	-3,842	-2,529	-2,211	-9,410	-9,143	-9,961	-9,350	-8,628
Issue of Shares	3	4	5	74	43	74	0	0
Inc/(Dec) in Debt	1,278	429	139	3,804	1,968	2,138	500	500
Interest Paid	-796	-882	-896	-580	-850	-1,404	-1,786	-1,697
Dividend Paid	0	-191	-384	-750	-859	-1,075	-770	-1,418
Others	-62	193	-140	0	5	13	-34	-35
CF from Fin. Activity	422	-448	-1,277	2,547	307	-253	-2,089	-2,651
Inc/Dec of Cash	6	0	-14	467	275	-275	734	538
Opening Balance	23	29	28	15	483	757	482	1,217
Closing balance	29	28	15	483	757	482	1,217	1,757
Bank balance	2	2	2	2	2	2	1	-1
Total Cash and Cash equivalent	31	30	17	485	759	485	1,218	1,756
•								

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.

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://onlinereports.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 galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx

A graph of daily closing prices of securities is available at www.nseindia.com, www.nseindia.com, www.nseindia.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.

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 brokerdealer, Motilal Oswal Securities International Private Limited. ("MOSIPL"). Any business interaction pursuant to this report will have to be executed within the provisions of this

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") (Co. Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in Singapore. As per the approved agreement under Paragraph 9 of Third Schedule of Securities and Futures Act (CAP 289) and Paragraph 11 of First Schedule of Financial Advisors Act (CAP 110) provided to MOCMSPL by Monetary Authority of Singapore. Persons in Singapore should contact MOCMSPL in respect of any matter arising from, or in connection with this report/publication/communication. This report is distributed solely to persons who qualify as "institutional Investors", of which some of whom may consist of "accredited" institutional investors as defined in section 4A(1) of the Securities and Futures Act, Chapter 289 of Singapore ("the SFA"). Accordingly, if a Singapore person is not or ceases to be such an institutional investor, such Singapore Person must immediately discontinue any use of this Report and inform MOCMSPL.

Specific Disclosures

- MOFSL, Research Analyst and/or his relatives does not have financial interest in the subject company, as they do not have equity holdings in the subject company.
- MOFSL, Research Analyst and/or his relatives do not have actual/beneficial ownership of 1% or more securities in the subject company MOFSL, Research Analyst and/or his relatives have not received compensation/other benefits from the subject company in the past 12 months
- MOFSL, Research Analyst and/or his relatives do not have material conflict of interest in the subject company at the time of publication of research report
- Research Analyst has not served as director/officer/employee in the subject company
- 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 in the past 12 months
- MOFSL has not received compensation for other than investment banking/merchant banking/brokerage services from the subject company in the past 12 months
- MOFSL has not received any compensation or other benefits from third party in connection with the research report
- MOFSL has not engaged in market making activity for the subject company

20 October 2023

MOTILAL OSWAL Laurus Labs

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:

One various recursosar ocii.								
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.