#### 27 December 2024 Update | Sector: Healthcare

# MOTILAL OSWAL

FINANCIAL SERVICES

**BSE SENSEX** 78,699

S&P CNX 23,813

Buy

# Ipca

#### Stock Info IPCA IN Bloomberg Equity Shares (m) 254 414.1/4.8 M.Cap.(INRb)/(USDb) 1709 / 1052 52-Week Range (INR) 1, 6, 12 Rel. Per (%) 9/51/44 12M Avg Val (INR M) 688 53.7 Free float (%)

#### Financials & Valuations (INR b)

Y/E MARCH	FY25E	FY26E	FY27E
Sales	89.7	102.1	119.8
EBITDA	16.7	20.3	24.3
Adj. PAT	8.7	11.4	14.1
EBIT Margin (%)	14.2	15.9	16.8
Adj. EPS (INR)*	34.4	44.8	55.5
EPS Gr. (%)	65.3	30.3	23.8
BV/Sh. (INR)	278.8	316.9	364.0
Ratios			
Net D:E	0.1	0.0	-0.1
RoE (%)	13.0	15.0	16.3
RoCE (%)	12.2	14.0	15.2
Payout (%)	21.5	17.2	19.3
Valuations			
P/E (x)	47.7	36.6	29.6
EV/EBITDA (x)	25.0	20.5	17.2
Div. Yield (%)	0.5	0.5	0.7
FCF Yield (%)	2.0	1.8	2.5
EV/Sales (x)	4.7	4.1	3.5
* Cons.			

Shareholding pattern (%)								
As On	Sep-24	Jun-24	Sep-23					
Promoter	46.3	46.3	46.3					
DII	34.2	33.8	35.0					
FII	10.8	10.9	9.9					
Others	8.6	9.1	8.8					
	1	• •						

FII Includes depository receipts

#### Stock performance (one-year)



# CMP: INR1,633 TP: INR1,980 (+21%)

## Scaling US operations/outpacing IPM to aid robust earnings growth

- Following a muted performance in the US over the past eight years due to compliance issues, IPCA is well-poised to revive its US business through new product launches, relaunches, stable pricing in its base business, and the integration of the Unichem business over the next 12-24M.
- Further, its (ex-US) business is in a strong position, with a better outlook driven by enhanced offerings in the export markets such as Australia, New Zealand, and Europe (EU) by adding Unichem's products to the existing portfolio.
- With the top 10 therapies experiencing double-digit growth over MAT Nov'20-24, IPCA is focusing on launching new divisions in the fast-growing therapies such as cosmetodermatology and orthopedics. Additionally, the company is working towards creating new divisions and adding 500-700 MRs, as well as improving its MR productivity.
- Considering a 27% earnings CAGR and an anticipated improvement in the return ratio to ~16% over FY24-27, we value IPCA at 36x 12M forward earnings to arrive at our TP of INR1,980. We reiterate our BUY rating on IPCA as we factor in better operational efficiency, a revival in the US business, synergies from the Unichem acquisition, and a well-established DF business.

## US – the key growth driver over the next two years

- Given that IPCA's sites are now regulatory compliant, it received 11 approvals from the USFDA over the 12 months ended Sep'24.
- Further, the company is relaunching the earlier approved products in the US market. Interestingly, the price erosions that were visible in the portfolio are now stable.
- While IPCA has already shipped the products to the US market, it is planning to file 15-17 products in the US market over the next two years.
- IPCA's efforts to improve Unichem's profitability are evident, with its EBITDA improving from breakeven in 1QFY23 to 12.4% in 2QFY25. Additionally, IPCA is sourcing its own APIs for Unichem, thereby further enhancing the margins.
- Having said this, we expect 52% sales CAGR over FY24-27 led by process efficiency, improving utilization of existing plants, filing new drugs, and integrating the front end of Unichem.

## Ex-US, exports to sustain the strong growth momentum

- With the Unichem acquisition, IPCA is leveraging its presence in Australia, New Zealand, Europe, and ROW markets to cross-sell Unichem's products, where the latter currently has a minimal presence.
  - With a shorter gestation period and faster approvals thanks to the local drug authority's acceptance of USFDA-approved medications, IPCA intends to enter the Chilean market.
  - We expect its exports to post 23% CAGR over FY24-27 (ex-US), fueled by the filing of more products in the Russian market and setting up its own distribution in the EU market.

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

Research Analyst: Akash Dobhada (Akash.Dobhada@MotilalOswal.com) | Viraj Shah (Viraj.Shah@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.

- Additionally, IPCA is also building a niche pipeline of eight biosimilars in oncology, ophthalmology, and anti-inflammatory therapies that are under various stages of development.
- The company is focusing on long-term growth opportunities in key markets such as India, the UK, the EU, ROW, and subsequently, the US markets.

## Domestic business is well-positioned to outperform IPM

- Backed by strong brand recall, improvement in MR productivity, a rise in volume, and effective management of seasonality, IPCA has witnessed doubledigit growth in the top 10 therapies over the past four years.
- To further continue the strong growth momentum, the company is focusing on launching new fast-growing divisions such as comesto-dermatology and orthopedics in derma and pain therapies.
- Further, IPCA is creating new specialized divisions for its key therapies and adding around 500-700 MRs in its field force.
- Supported by new product launches and market share gains, we expect the DF segment to register 14% CAGR over FY25-27.

## Valuation and view

- During FY19-FY24, IPCA's earnings recorded a meager 3% CAGR, led by a 200bp drop in its EBITDA margin. Nonetheless, we anticipate that the company would generate a robust earnings growth of 27% during FY25-FY27, driven by the 170bp improvement in margin. Despite enjoying a strong position in the export and DF markets, IPCA is reviving its US business through new and relaunched products as well as the integration with Unichem. To further improve Unichem's margin, IPCA is optimizing its processes, improving operational efficiency, and sourcing raw materials from its site.
- We value the stock at 36x 12M forward earnings to arrive at our TP of INR1,980.
  We reiterate our BUY rating on the stock.

## Key downside risks

- Pricing pressure in the API segment to hurt growth.
- Higher freight costs and delays in exports due to geopolitical challenges.
- Inclusion of brands in the NLEM price list.

#### Exhibit 1: Valuation snapshot

Company	Deee	МСар		EPS (INR)	)	EPS Gr.	YoY (%)	P/E	(x)	EV/EBI	TDA (x)		RoE (%)	
Company	Reco	(USD b)	FY25E	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E	FY26E	FY27E	FY25E	FY26E	FY27E
Ajanta Pharma	Buy	4.1	76.7	88.6	104.0	15.5	17.5	34.3	29.2	22.6	20.0	24.8	23.9	23.6
Alembic Pharma	Neutral	2.4	31.7	37.9	47.5	19.6	25.4	27.7	22.1	17.2	14.2	12.1	13.1	14.5
Alkem Lab	Neutral	7.6	189.5	209.5	232.1	10.5	10.8	26.2	23.6	22.7	20.2	20.2	19.2	18.4
Aurobindo Pharma	Neutral	8.6	61.7	70.8	81.1	14.8	14.5	17.9	15.7	9.2	7.9	11.5	11.8	12.1
Biocon	Neutral	4.9	2.1	4.8	9.8	124.5	103.8	73.5	36.1	14.8	12.1	1.3	2.8	5.5
Cipla	Neutral	14.1	56.8	62.7	66.1	10.3	5.5	24.0	22.8	14.9	13.6	15.0	14.4	13.3
Divi's Lab.	Neutral	18.2	77.2	98.2	120.3	27.2	22.5	59.8	48.8	43.3	35.8	14.3	16.4	17.8
Dr Reddy's Labs	Neutral	13.2	69.3	79.7	69.9	15.0	-12.3	17.4	19.9	9.5	9.8	18.8	18.2	13.8
Eris Lifescience	Neutral	2.2	28.6	40.1	54.2	40.4	35.1	33.5	24.8	15.3	12.9	14.3	17.6	20.1
Gland Pharma	Buy	3.5	49.3	60.2	71.2	22.1	18.2	30.1	25.4	18.2	15.6	8.9	9.9	10.5
Glenmark Pharma	Buy	5.1	48.4	60.7	70.6	25.4	16.3	26.1	22.5	14.5	12.3	16.0	17.0	16.7
Glaxosmit Pharma	Neutral	4.4	50.2	56.2	64.6	12.1	14.9	40.4	35.1	29.0	25.4	39.3	36.0	33.4
Granules India	Buy	1.7	21.6	28.6	36.0	32.8	25.8	20.4	16.3	12.5	10.2	15.1	17.2	18.2
lpca Labs.	Buy	4.7	34.4	44.8	55.5	30.3	23.8	36.4	29.4	19.9	16.4	13.0	15.0	16.3
Laurus Labs	Buy	3.6	6.3	11.0	15.2	75.0	38.4	53.4	38.6	23.7	19.4	7.9	12.7	15.6
Lupin	Neutral	11.6	68.3	75.0	83.2	9.8	10.9	29.7	26.8	17.1	14.7	19.7	18.1	16.9
Mankind Pharma	Buy	13.6	54.6	60.1	76.6	10.1	27.4	47.8	37.5	26.2	21.9	21.5	20.2	21.9
Piramal Pharma	Buy	4.0	2.4	5.2	7.5	115.2	45.2	49.0	33.8	20.0	16.2	4.0	8.0	10.6
Sun Pharma.Inds.	Buy	51.7	49.3	59.3	67.4	20.2	13.7	31.4	27.6	25.1	21.5	17.2	17.8	17.1
Torrent Pharma.	Neutral	13.5	59.8	79.3	99.4	32.5	25.4	43.0	34.3	24.7	20.7	27.0	29.8	30.8
Zydus LifeScience	Neutral	11.3	45.2	49.4	43.6	9.1	-11.7	19.7	22.3	12.0	12.9	20.1	18.0	13.9

Source: MOSL, Bloomberg

# US – the key growth driver over the next two years

- Given that IPCA's sites are now regulatory compliant, it received 11 approvals from the USFDA over the 12 months ended Sep'24. Further, IPCA is on track to file 15-17 products over the next two years, which would drive future growth.
- In fact, IPCA has already shipped certain products to the US and is in the process of manufacturing and enhancing its business prospects for the US market.
- With the lifting of the import alert at its manufacturing sites focused on the US market, IPCA is gearing up to relaunch the earlier approved products as well as new approvals.
- Interestingly, the market potential for certain products of IPCA remains high given the prices have remained stable for its portfolio, unlike price erosion at an industry level.
- IPCA's efforts to improve Unichem's profitability are evident, with its EBITDA improving from breakeven in 1QFY23 to 12.4% in 2QFY25. Additionally, it is sourcing its own APIs for Unichem, thereby further enhancing the profitability at the group level.
- We expect 52% sales CAGR over FY24-27 fueled by process efficiency, improving utilization of existing plants, filing new drugs, and integrating the front end of Unichem.

## Improved compliance at IPCA's site to revive the US business

- Before the import alert, IPCA had peak US sales of ~USD69m in FY14.
- The import alert adversely impacted its US business prospects for eight long years. IPCA implemented remediation measures with compliance coming back on track after the re-inspection over Apr-Jun'23.

/ 1	<b>.</b>	
City	Inspection end date	Classification
Dhar	Jun'23	VAI
Ratlam	Jun'23	VAI
Silvassa	Apr'23	VAI
Silvassa	Aug'19	OAI
Ratlam	Jan'15	Import alert
Dhar	Mar'15	Import alert
Silvassa	Mar'15	Import alert
	City Dhar Ratlam Silvassa Silvassa Ratlam Dhar	CityInspection end dateDharJun'23RatlamJun'23SilvassaApr'23SilvassaAug'19RatlamJan'15DharMar'15

#### Exhibit 2: Clearance of key plants after about eight years

Source: MOFSL, Company

The clearance of the facility has led to a rise in the approvals for IPCA from 3QFY24 onwards.

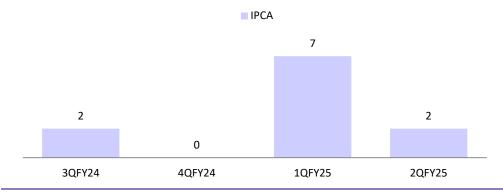


Exhibit 3: ANDA approvals have increased post-clearance of IPCA plants in 1QFY24

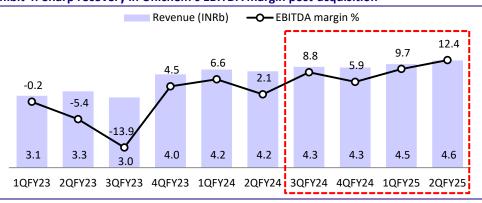
#### Market potential for IPCA's approved products remains robust

- Interestingly, IPCA's products have witnessed stable/elevated pricing over the past 7-8 years, unlike the conventional way of experiencing price erosion in the US generics business.
- This is partly because the company had a majority share in certain products, and IPCA's exit led to stable/elevated pricing.
- While IPCA might not be able to regain its entire market share, it would be able to garner USD25-30m business from the already approved products, in our opinion.
- IPCA is planning to relaunch six products in 2HFY25 with commercial benefit to come from 3QFY25. Further, IPCA is on track to file ~15-17 products over the next two years, which would drive growth.

## Strong turnaround of Unichem

- After the consolidation of Unichem's business in Sep'23, the company experienced robust growth of 15% YoY for the 12 months ended Sep'24. This growth was supported by an improvement in margins, which expanded from a negative 13.9% in Dec'22 to as high as 12.4% in Sep'24.
- On a 12-month basis ended Sep'24, revenue experienced mid-teens growth, driven by new product launches and robust performance in the US and other key markets.
- However, prior to the acquisition, Unichem's overhead costs, including logistics, R&D, and raw materials, were high, resulting in a lower to negative EBITDA margin.

Source: MOFSL, Company





Post-acquisition, the EBITDA margin has significantly improved from EBITDA breakeven in 1QFY23 to 12.4% in 2QFY25, propelled by: 1) improvement in capacity utilization of the existing plant, 2) reduction in the freight costs to 17-18% from 50% of sales with a change in logistic plan, 3) sourcing of low-cost raw material and backward integration, 4) lower R&D costs, 5) process optimization, and 6) reduction in other overhead costs.

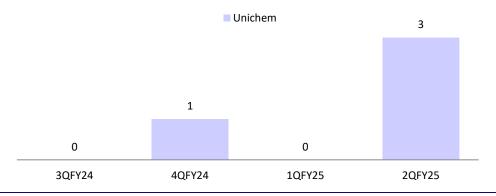
Company	City	Inspection End Date	Classification
	Pilerne Bardez	Jul-24	VAI
	Ghaziabad	Feb-24	NAI
Unichem	East Brunswick	Sep-23	NAI
	District Raigad	Feb-20	NAI
	Pilerne Bardez	Jan-20	VAI

#### Exhibit 5: All facilities are compliant to the USFDA regulations

NAI- No Action Indicated, VAI- Voluntary Action Indicated, OAI- Official Action Indicated, Source: MOFSL, USFDA

Unichem has a sound compliance record. Since 2009, it has witnessed 28 USFDA inspections, with an outcome of either NAI or VAI.





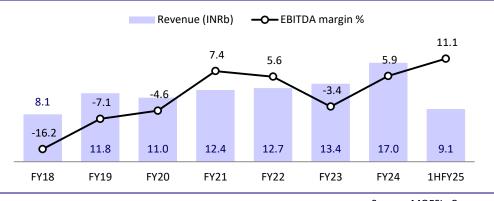
Source: MOFSL, USFDA

Unichem is receiving approvals due to its consistent compliance track record. It is on track to file ~15-17 products over the next two years, which would drive growth.

Source: MOFSL, Company

#### Integration with Unichem to revive IPCA's US business

- With clearance of the three sites, IPCA is working on filing new products in the US market, which would yield benefits over the medium term.
- IPCA is integrating its operations with Unichem's front end and its own frontend business (Bayshore), strengthening its US team, leveraging superior market reach, and reducing costs.



#### Exhibit 7: Unichem is improving its operating parameters

- Further, IPCA would modernize Unichem's Goa-2 plant with a new capacity and capability that would aid the company in scaling up its production. Moreover, there is enough room to improve capacity utilization of IPCA's Pithampur (30% utilization) and Piparia (25-30% utilization) plants, which would drive growth.
- Unichem has its own R&D team and a product pipeline in place. IPCA plans to retain Unichem's R&D operations while optimizing processes to reduce turnaround times and expedite approvals, thereby enhancing revenue and profitability.
- The company is likely to increase its R&D spending from ~2.6% in FY24 to ~4.0%, as it is planning to file 15-17 products over the next two years.
- We expect that on an overall group level, the US sales would register a 52% CAGR over FY24-27, fueled by process efficiency, filing new complex drugs, improving capacity utilization of the existing plant, and integrating Unichem's front-end business.

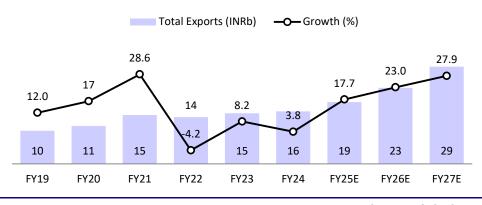
Source: MOFSL, Company

## Ex-US, exports to sustain the strong growth momentum

- During FY19-24, IPCA's exports business (ex-US) experienced a 9.6% CAGR.
- We expect its exports to post 23% CAGR over FY24-27 (ex-US), fueled by cross-selling of products where IPCA has a strong presence and entering into the Chilean market.
- IPCA is also investing in its biosimilar portfolio and has seven mAbs and one non-mAb product under various stages of development.
- The company will commercialize the products by out-licensing and building capacity, which would commercialize by FY27.

## Leveraging strong local presence to cross-sell the products

- During FY19-24, IPCA's exports business (ex-US) experienced a 9.6% CAGR led by strong growth in Australia, Asia, and Africa businesses.
- From FY22 onwards, the branded formulation exports to countries like Russia, Kazakhstan and Belarus have been under pressure owing to geopolitical conflicts.



#### Exhibit 8: Exports (ex-US) to experience a 23% CAGR over FY24-27

- IPCA has a well-established presence in the EU, Australia, and New Zealand, where Unichem has minimal presence. By leveraging its strong market position, IPCA plans to introduce and market Unichem's products in these regions, driving better facility utilization and revenue growth.
- The company also plans to enter the Chilean market, where the Drug Authority accepts the USFDA-approved drugs without additional examination. Unichem's strong presence in the US will facilitate faster approvals in Chile, significantly reducing the gestation period for market entry.
- Further, IPCA has started registering the products in Germany and intends to have its own distribution in Europe, same as that of the UK. In addition, the company has filed 7-8 products in the Russian market.
- Accordingly, we expect the exports business to register 23% CAGR over FY24-27.

## Building biosimilar pipeline for future growth

 IPCA is focusing on long-term growth by investing in a biosimilars portfolio targeting India, the UK, the EU, and ROW markets, with plans to expand to the US subsequently.

Source: MOFSL, Company

- The company has seven mAbs (Monoclonal Anti-body) at various stages of development in the oncology, anti-inflammatory, and ophthalmic segments, and one non-mAb is also under the development stage.
- The company has set up the R&D center in 2015 for mammalian-based mAbs development. It is further investing in the cGMP bio-manufacturing plant at Pithampur with an outlay of INR2b. The plant is likely to be ready by May'25.

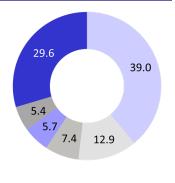
#### Exhibit 9: Biosimilar pipeline

Molecules	Development	Pre-Clinical	<b>Clinical Trials</b>	MAA/Launch
mAb1			FY26	FY27
mAb2			FY26	FY27
mAb3			FY27	FY28
mAb4	FY25	FY26	FY28	FY29
mAb5	FY25	FY26	FY28	FY29
mAb6	FY25	FY27		
mAb7	FY26			
non-mAb1	FY25			

Source: MOFSL, Company

- The company expects to start commercial manufacturing by FY27 from the plant after successful validation, inspection from authorities, approvals of products, and completion of clinical trials.
- Also IPCA has signed the out-licensing agreement with Omexa. As per the agreement, Omexa has a non-exclusive right to research, develop, manufacture, and market an anti-cancer biosimilar for the global market.
- Further, IPCA remains open for collaboration and out-licensing opportunities for its technology or molecules (covering both drug substance and drug product).

# Pain is IPCA's biggest therapy, contributing 39% to DF sales



- PAIN
- CARDIAC
- ANTI-INFECTIVES
- DERMA
- ANTINEOPLAST
- Others

# Domestic business is well-positioned to outperform IPM

- Backed by strong brand recall, improvement in MR productivity, a rise in volume, and effective management of seasonality, IPCA has witnessed double-digit growth in the top 10 therapies over the past four years.
- To further improve its growth prospectus over the next 12-18 months, the company is focusing on launching new divisions such as cosmeto-dermatology in derma therapy and orthopedics in pain therapies.
- IPCA is continuously adding MRs since FY18; despite this, MR productivity has improved, led by superior execution. Further, IPCA is creating new specialized divisions for its key therapies and adding around 500-700 MRs in its field force.
- In 8MFY25/MAT Nov'24, IPCA has outperformed IPM by 5.9%/5.1%, led by strong brand equity, improved productivity, and an increase in volumes.
- Even after taking higher price hikes during MAT Nov'20-24, IPCA experienced higher volume growth compared to IPM.
- Despite generating 66% from acute therapies, IPCA has outperformed IPM as well as its peers.
- Supported by new product launches and market share gains, we expect the DF segment to register 14% CAGR over FY25-27.

#### **Broad-based growth across therapies**

- IPCA's almost all the top 10 therapies have experienced double-digit growth and outperformed IPM, fueled by strong brand recall, improvement in MR productivity, rise in volume, and management of seasonality.
- In Derma therapy, the company has significantly outperformed IPM by 19.4% over the last four years; further, it has outperformed IPM by 12.1% on a YoY basis. This healthy performance is led by strong brand recall, new launches, and improvement in productivity. Further, the company has added a new division of cosmeto-dermatology, which is one of the fastest-growing segments in the derma segment.
- Its Pain therapy has outperformed IPM by 540bp over the last four years and 420bp on a YoY basis. This was due to strong brand equity and specialized division for the segment.

Sr No	Therapy	MAT Nov'24	4 years IPCA CAGR %	4 years IPM CAGR %	IPCA YoY growth %	IPM YoY growth %
1	PAIN / ANALGESICS	18,216	17.9	12.5	11.7	7.5
2	CARDIAC	6,011	10.1	10.5	16.7	11.7
3	ANTI-INFECTIVES	3,456	12.3	10.9	6.2	3
4	DERMA	2,672	27.9	8.5	21.6	9.5
5	ANTINEOPLAST	2,528	13.3	21.2	16.2	16.9
6	GASTRO INTESTINAL	2,304	11.2	12.4	11.0	8.7
7	UROLOGY	2,166	31.8	14.8	36.0	13.8
8	RESPIRATORY	2,038	18.8	10.9	1.5	0.6
9	NEURO / CNS	1,915	18.7	10.4	14.9	8.4
10	ANTI MALARIALS	1,891	4.1	2.1	4.7	2.1

#### Exhibit 10: All therapies registered double-digit growth

Source: IQVIA, Company, MOFSL

The cardiac therapy has grown in line with IPM over the last four years; further, on a YoY basis, it outperformed IPM by 500bp. This was fueled by strong brand growth and MR productivity improvement.

## Top brands growing faster than IPM

- ZERODOL-SP is used in pain management related to inflammation relief and swelling and aids faster recovery of inflamed or injured tissues. The drug has registered a 22.3% CAGR over the past four years, surpassing the growth of therapy as well as the molecule, indicating strong brand equity and enhanced productivity of the specialized division.
- Further, ZERODOL-SP is superior to ZERODOL-P, owing to the introduction of Serrapeptase molecule, resulting in a reduction of inflammation and edema (swelling) and promoting faster tissue repair compared to ZERODOL-P.

Top 10 brands	Therapy		Molecule	MAT Nov'24 INRm	YoY Growth %	4 Year Brand CAGR	4 years Therapy CAGR %	4 Years molecule CAGR %
Zerodol-SP	Pain	*	Aceclofenac + Paracetamol + Serrapeptase	5909	13.7	22.3	12.5	18.7
Zerodol-P	Pain	*	Aceclofenac + Paracetamol	2973	8.5	13	12.5	10.3
HCQS	Pain	*	Hydroxychloroquine Sulfate	1972	9.5	4.4	12.5	3.4
Folitrax	Antineoplast	*	Methotrexate And Comb.	1402	14	14.7	21.2	14.8
Zerodol-TH	Pain	*	Aceclofenac + Thiocolchicoside	1275	9.3	14.7	12.5	11.1
CTD-T	Cardiac	*	Chlortalidone + Telmisartan	1145	25.9	18.5	10.5	12
Solvin Cold	Respiratory	*	Chlorphenamine Maleate + Paracetamol + Phenylephrine Hydrochloride	917	1.1	16.9	10.9	8
TFCT-NIB	Pain/Derma	*	Tofacitinib Citrate	795	26	194.1	12.5	112.2
CTD	Cardiac	*	Chlortalidone	794	9.3	6.9	10.5	6.6
Pacimol	Pain	*	Paracetamol	709	7.2	14.4	12.5	15

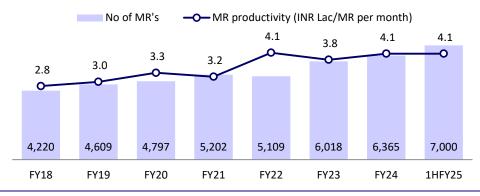
#### Exhibit 11: Except HCQ and CTD, all other brands are growing in high double digits

Source: IQVIA, Company, MOFSL

- The CTD brand has seen moderate growth of 6.9% over the last four years and has underperformed the cardiac therapy. CTD is used for reducing fluid and salt in the body to lower blood pressure.
- While CTD-T is a combination drug of Chlortalidone + Telmisartan, it provides a stronger and more comprehensive control of high blood pressure by targeting both fluid reduction and blood vessel relaxation.
- This has resulted in faster growth of CTD-T (18.5% CAGR over the last four years) vs. CTD (6.9% CAGR over the same period). Further CTD-T is growing faster than the molecule and therapy.

## Focus on improving MR productivity and increasing field force

- IPCA has expanded its field force to 7,000 in 1HFY25 from 4,220 in FY18.
- Despite addition of MRs over ~7 years, the productivity of the field force has improved owing to improvement in efficiency.



#### Exhibit 12: MR productivity has remained stable since FY22

Source: Company, MOFSL

IPCA is planning to increase the field force with addition of around 500-600 MRs. The major addition would be done in the ortho, diabetes, and blood pressure divisions.

#### **IPCA continues to outperform IPM**

- Over FY19-24, IPCA consistently outperformed IPM with an average outperformance of 2.9%. During 8MFY25, IPCA has grown 13.5% YoY to INR33.4b, led by growth across key therapies.
- In FY23 and FY24, although IPCA outperformed IPM, its YoY growth declined due to the high base of Covid-19 and moderate growth in key therapies such as antiinfectives. Strong brand equity led to consistent outperformance against IPM over FY19-24.
- Despite having 17% of its portfolio under the National List of Essential Medicines (NLEM), IPCA has consistently outperformed IPM since FY19. This can be attributed to strong brand recall, effective management of seasonality, a rise in volume, decluttering the MRs for enhanced brand focus, and improved productivity.

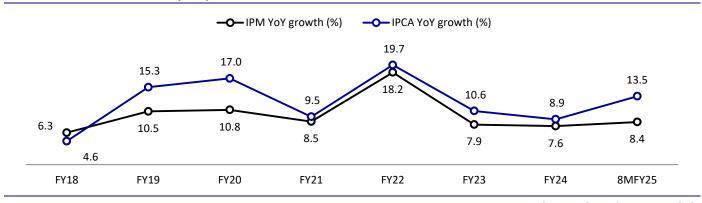


Exhibit 13: IPCA has consistently outperformed IPM

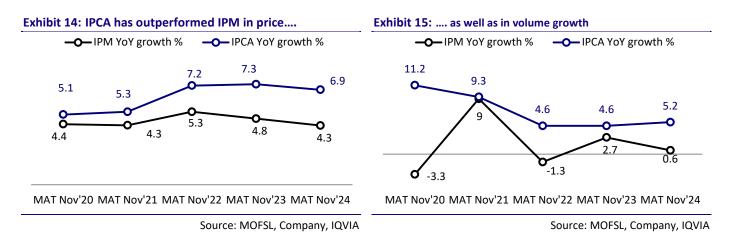
Source: IQVIA, Company, MOFSL

- IPCA has posted a CAGR of 16% over FY21-24, outperforming IPM by ~480bp.
  IPCA outperformed IPM in Derma/Pain/Anti-Infectives by 21.7%/5.2%/1.7% over FY21-24.
- In FY21, although IPCA outperformed IPM, DF growth declined YoY to 9.5% due to the adverse impact of the Covid-induced lockdown, leading to temporary disturbances in the supply chain. However, in FY22, the company registered a

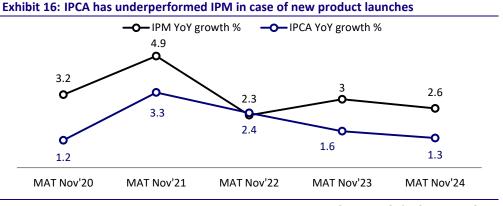
robust growth of 19.7% YoY, due to rising demand on account of Covid-19, higher growth in the respiratory division, and a low base of FY21.

## Price hikes and volumes driving overall growth

- Since MAT Nov'20, IPCA has witnessed growth in the domestic market led by price hikes and volume.
- IPCA has consistently outperformed IPM in terms of price and volume growth since MAT Nov'20.



 Despite taking aggressive price hikes, IPCA has also witnessed volume growth led by strong brand equity and superior execution by the field force.



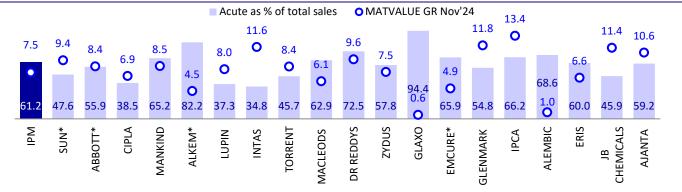
Source: MOFSL, Company, IQVIA

 However, IPCA has underperformed IPM in terms of new product launches over MAT Nov'20-24.

## Despite higher acute share, IPCA has outperformed its peers

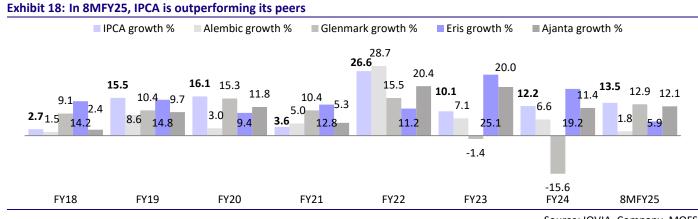
- IPCA derives 66% of its revenue from acute therapy, a proportion significantly higher than the acute therapy share within the overall IPM (61%).
- Despite having higher proportion from the acute therapy, IPCA is growing faster than overall IPM and peers in MAT Nov'24.

#### Exhibit 17: IPCA has 66% acute therapy share



Source: IQVIA, Company, MOFSL

IPCA is outperforming its peers over 8MFY25 led by strong growth in all the key therapies and brands.



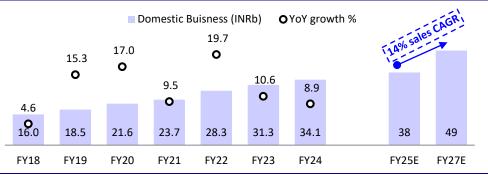
Source: IQVIA, Company, MOFSL

Apart from FY18 and FY21, IPCA has mostly outperformed its peers. In FY23 and FY24, ERIS' overall growth was higher compared to the peers due to significant acquisitions during the period.

## IPCA is well-poised to outperform IPM with 14% CAGR

- As of Aug'24, IPCA received marketing rights for Novalead's patented drug, Diulicus, for the treatment of diabetic foot ulcer. Owing to a high diabetes rate among people, this deal would help IPCA grow over the medium to long term.
- Along with addition of MRs and improving productivity, the company is launching the specialized division for key therapeutic areas.
- Accordingly, we expect DF sales to clock a CAGR of 14% over FY25-27 to INR49b.

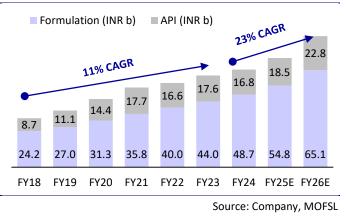
Exhibit 19: DF business to register a CAGR of 14% over FY25-27

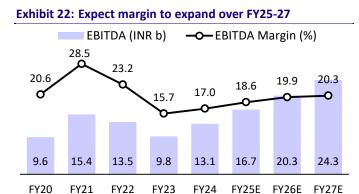


Source: Company, MOFSL

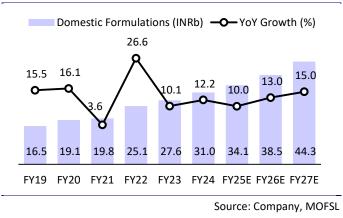
# **Story in charts**

#### Exhibit 20: Expect 23% sales CAGR over FY25-27

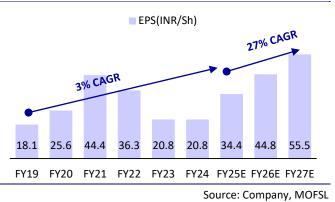




#### Exhibit 21: Expect 14% DF sales CAGR over FY25-27

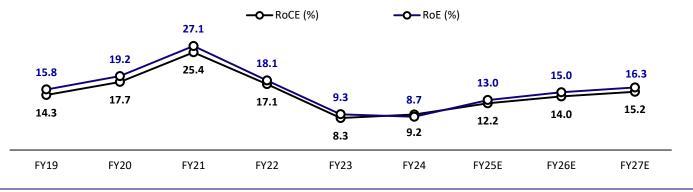


#### Exhibit 23: Expect 27% earnings CAGR over FY25-27



Source: Company, MOFSL

## Exhibit 24: Expect return ratios to improve over FY25-27



Source: Company, MOFSL

# **Financials and valuations**

Income Statement									(INRm)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Net Revenues	37,732	46,487	54,200	58,298	62,569	77,074	89,703	1,02,131	1,19,815
Change (%)	14.9	23.2	16.6	7.6	7.3	23.2	16.4	13.9	17.3
EBITDA	7,170	9,580	15,444	13,509	9,812	13,076	16,685	20,324	24,322
Change (%)	57.7	33.6	61.2	-12.5	-27.4	33.3	27.6	21.8	19.7
Margin (%)	19.0	20.6	28.5	23.2	15.7	17.0	18.6	19.9	20.3
Depreciation	1,824	2,105	2,092	2,324	2,616	3,572	3,967	4,059	4,150
EBIT	5,346	7,475	13,352	11,184	7,197	9,503	12,717	16,265	20,172
Int. and Finance Charges	189	165	90	77	455	1,383	651	457	430
Other Income - Rec.	483	578	457	666	1,151	1,075	900	950	980
PBT before EO Expense	5,640	7,888	13,719	11,773	7,892	9,195	12,966	16,758	20,722
EO Expense/(Income)	157	445	-171	416	314	769	0	0	0
PBT after EO Expense	5,483	7,442	13,890	11,357	7,579	8,426	12,966	16,758	20,722
Current Tax	1,218	1,406	2,487	2,070	2,302	3,102	3,436	4,609	5,885
Deferred Tax	-176	-53	-85	178	230	33	259	335	414
Тах	1,042	1,353	2,401	2,248	2,532	3,135	3,695	4,944	6,299
Tax Rate (%)	18.5	17.2	17.5	19.1	32.1	34.1	28.5	29.5	30.4
Reported PAT	4,441	6,090	11,488	9,110	5,047	5,291	9,270	11,814	14,422
Less: Minority Interest	18	78	91	269	-206	984	550	450	350
Net Profit	4,423	6,012	11, <b>3</b> 98	8,841	5,253	4,307	8,721	11,364	14,072
Adj PAT	4,580	6,485	11,255	9,218	5,275	5,274	8,721	11,364	14,072
Adj PAT growth (%)	91.3	41.6	73.6	-18.1	-42.8	0.0	65.3	30.3	23.8

Balance Sheet									(INRm)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Equity Share Capital	252	252	254	254	254	254	254	254	254
Total Reserves	30,971	35,903	46,763	54,666	58,167	63,068	70,481	80,141	92,103
Net Worth	31,224	36,275	47,017	54,920	58,420	63,322	70,735	80,395	92,356
Deferred liabilities	1457	1398	1316	1506	1856	3062	3322	3657	4071
Total Loans	3,505	4,328	1,988	8,027	14,746	14,274	11,774	11,067	10,431
Capital Employed	36,342	42,137	<b>50,466</b>	65,222	75,755	94,607	1,00,003	1,09,291	1,21,031
Gross Block	26,657	30,268	31,872	37,647	43,601	65,195	66,695	68,195	69,695
Less: Accum. Deprn.	6,951	9,056	11,148	13,472	16,088	19,660	23,627	27,686	31,837
Net Fixed Assets	19,706	21,212	20,724	24,175	27,514	45,535	43,068	40,509	37,859
Capital WIP	361	708	2,348	3,064	1,404	3,429	3,429	3,429	3,429
Investments	1,204	2,719	4,711	9,892	6,260	8,620	8,620	8,620	8,620
Curr. Assets	24,217	27,939	32,881	39,237	51,051	53,386	<b>59,386</b>	73,802	92,789
Inventory	10,725	13,231	15,948	18,580	17,434	24,713	25,068	30,220	36,437
Account Receivables	6,815	8,952	8,118	9,108	9,890	16,865	17,941	21,825	26,261
Cash and Bank Balance	2,823	1,809	3,651	6,407	18,532	2,968	6,090	10,043	16,350
Loans & Advances	3,854	3,947	5,164	5,143	5,194	8,840	10,288	11,713	13,742
Curr. Liability & Prov.	9,147	10,441	10,198	11,147	10,473	16,364	14,500	17,069	21,665
Account Payables	8,190	9,182	8,781	9,704	8,923	13,050	12,780	15,110	19,367
Provisions	957	1,259	1,417	1,443	1,550	3,314	1,720	1,959	2,298
Net Current Assets	15,070	17,498	22,682	28,091	40,577	37,022	44,886	56,733	71,123
Appl. of Funds	36,342	42,137	50,466	65,222	75,755	94,607	1,00,003	1,09,291	1,21,031

E: MOFSL Estimates

# **Financials and valuations**

Ratios									
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Adj. EPS (INR)	18.1	25.6	44.4	36.3	20.8	20.8	34.4	44.8	55.5
Cash EPS	24.8	32.2	53.2	44.0	31.0	31.1	50.0	60.8	71.8
BV/Share	123.7	143.2	185.3	216.5	230.3	249.6	278.8	316.9	364.0
DPS	0.5	3.6	6.8	6.6	7.7	7.8	7.9	8.1	11.1
Payout (%)	2.8	14.8	14.9	18.3	38.3	36.9	21.5	17.2	19.3
Valuation (x)									
P/E	90.8	64.1	36.9	45.1	78.8	78.8	47.7	36.6	29.6
P/BV	13.2	11.4	8.8	7.6	7.1	6.6	5.9	5.2	4.5
EV/Sales	11.1	9.0	7.7	7.2	6.7	5.4	4.7	4.1	3.5
EV/EBITDA	58.2	43.6	27.0	30.9	42.5	31.9	25.0	20.5	17.2
Dividend Yield (%)	0.0	0.2	0.4	0.4	0.5	0.5	0.5	0.5	0.7
Return Ratios (%)									
RoE	15.8	19.2	27.1	18.1	9.3	8.7	13.0	15.0	16.3
RoCE	14.3	17.7	25.4	17.1	8.3	9.2	12.2	14.0	15.2
RoIC	14.0	18.0	28.7	21.1	10.2	9.7	11.3	13.6	15.6
Working Capital Ratios									
Fixed Asset Turnover (x)	1.9	2.3	2.6	2.6	2.4	2.1	2.0	2.4	3.1
Debtor (Days)	65	70	54	56	58	80	73	78	80
Inventory (Days)	104	104	107	116	102	117	102	108	111
Working Capital Turnover (Days)	118	123	128	136	129	161	158	167	167
Leverage Ratio (x)									
Interest Cover Ratio	28.3	45.3	147.7	145.4	15.8	6.9	19.5	35.6	46.9
Debt/Equity	0.0	0.1	0.0	0.0	-0.1	0.2	0.1	0.0	-0.1
Cash Flow Statement									(INRm)
Y/E March	FY19	FY20	FY21	FY22	FY23	FY24	FY25E	FY26E	FY27E
Oper. Profit/(Loss) before Tax	7,170	9,580	15,444	13,509	9,812	13,076	16,685	20,324	24,322
Interest/Dividends Recd.	483	578	457	666	1,151	1,075	900	950	980
Direct Taxes Paid	-1,165	-1,412	-2,484	-2,058	-2,181	-1,928	-3,436	-4,609	-5,885
(Inc)/Dec in WC	-1,686	-3,442	-3,343	-2,652	-361	-12,009	-4,742	-7,894	-8,084
CF from Operations	4,803	5,304	10,075	9,464	8,421	213	9,406	8,772	11,333
Others	365	784							
EO Expense / (Income)	157	445	-171	416	314	769	0	0	0
CF from Oper. incl EO Exp.	5,010	5,643	10,246	9,048	8,107	-556	9,406	8,772	11,333
(inc)/dec in FA	-1,632	-3,958	-3,244	-6,491	-4,294	-23,618	-1,500	-1,500	-1,500
Free Cash Flow	3,379	1,685	7,002	2,557	3,813	-24,174	7,906	7,272	9,833
(Pur)/Sale of Investments	-336	-1,515	-1,992	-5,181	3,632	-2,360	0	0	0
Others	317	376	0	0	0	0	0	0	0
CF from Investments	-1,651	-5,097	-5,236	-11,672	-662	-25,979	-1,500	-1,500	-1,500
Issue of shares	0	0	1	0	0	0	0	0	0
(Inc)/Dec in Debt	-1,070	804	-2,331	6,663	6,683	12,743	-2,275	-707	-636
Interest Paid	-189	-165	-90	-77	-455	-1,383	-651	-457	-430
Dividend Paid	-126	-902	-1,710	-1,670	-1,933	-1,950	-1,989	-2,029	-2,790
Others	-447	-1,042	961	306	386	1,294	131	1,068	1,168
CF from Fin. Activity	-1,832	-1,305	-3,169	5,222	4,681	10,705	-4,785	-2,125	-2,688
Inc/Dec of Cash	1,528	-758	1,841	2,598	12,126	-15,830	3,122	5,147	7,145
Add: Beginning Balance	2,181	3,709	2,954	4,795	7,393	19,519	2,968	6,090	10,043
Forex/ Business acquisition	0	3	0	0	0	0	0	0	0
Closing Balance	3,709	2,954	4,795	7,393	19,519	3,689	6,090	11,237	17,188
Development (NAutural found (main) / lana	-886	-1,145	-1,145	-986	-986	-721	0	1,194	839
Bank balances / Mutual fund (gain)/ loss Closing Balance	2,823	1,809	3,650	6,407	18,533	2,968	6,090	10,043	16,350

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

ΝΟΤΕS

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 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 Ltd. are available on the website at http://onlinereports.motilaloswal.com/Dormant/documents/Associate%20Details.pdf

Details of pending Enquiry Proceedings of Motilal Oswal Financial Services Limited are available on the website at <a href="https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx">https://galaxy.motilaloswal.com/ResearchAnalyst/PublishViewLitigation.aspx</a>

MOFSL, it's associates, Research Analyst or their relatives may have any financial interest in the subject company. MOFSL and/or its associates and/or Research Analyst or their relatives may have 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. MOFSL and its associate company(ies), their directors and Research Analyst and their relatives may have any other potential conflict of interests at the time of publication of the research report or at the time of public appearance, 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.

In the past 12 months, MOFSL or any of its associates may have:

- received any compensation/other benefits from the subject company of this report a)
- b)
- managed or co-managed public offering of securities from subject company of this research report, received compensation for investment banking or merchant banking or brokerage services from subject company of this research report, C)
- d) received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company of this research report.
- · MOFSL and it's associates have not received any compensation or other benefits from the subject company or third party in connection with the research report.
- Subject Company may have been a client of MOFSL or its associates during twelve months preceding the date of distribution of the research report
- · Research Analyst may have served as director/officer/employee in the subject company.
- MOFSL and research analyst may engage in market making activity for the subject company.

MOFSL and its associate company(ies), and Research Analyst and their relatives from time to time may have:

a) 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.

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.

To enhance transparency, MOFSL has incorporated a Disclosure of Interest Statement in this document. This should, however, not be treated as endorsement of the views expressed in the 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.

#### 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.

#### 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.

Disclosure of Interest Statement	IPCA Laboratories
Analyst ownership of the stock	No

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 Financial Services Limited (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 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 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") (Co. Reg. NO. 201129401Z) which is a holder of a capital markets services license and an exempt financial adviser in 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 of Singapore Accordingly, if a Singapore person is not, or ceases to be, such an investor, they must immediately discontinue any use of this Report and inform MOCMSPL

#### 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 ld: 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.