

# **ADD** TP: Rs 960 | ▲ 10% **LUPIN**

Pharmaceuticals

29 May 2020

# In-line quarter; broader FY21 outlook intact

Lupin's (LPC) EBITDA was in line at Rs 5.3bn (+22% QoQ) despite a slight miss on sales. Ex-Kyowa, EBITDA is down 33% YoY due to Ranexa FTF in the base. QoQ, gross margin was subdued while EBITDA margin was a beat. LPC expects a soft Q1 and 18-20% margins in FY21. Multiple catalysts in FY21 (Levo ramp-up, Albuterol launch and facility clearance for Gavis/Goa) should support earnings and stock momentum in the midterm. We adjust FY21/FY22 EPS by -7%/+3% and revise our TP to Rs 960 (vs. Rs 790) based on 13x FY22E EBITDA (11.5x earlier).

**Subdued gross margin QoQ, EBITDA margin improves:** Sequentially, EBITDA margins expanded 230bps to 13.7% aided by better cost control, though gross margins dipped 40bps QoQ to 63.5%. R&D spend was lower at 9% of sales (10% in 9M) and SG&A spend was flat QoQ. India (+13.3% YoY) and US sales at US\$ 219mn (+13% QoQ) were in line while APAC (-16%) and LATAM (-25%) underperformed on adverse currency movement.

**Outlook intact but expect soft Q1:** Though Q1 could be soft due to Covid-19, LPC expects healthy operating leverage in coming quarters led by a stabilising US base business. Levo has clocked 13% market share in Q4 (vs. 5% in Q3), with adequate capacity to reach 20% in FY21. LPC has retained its H1FY20 launch timeline for Albuterol based on FDA interactions (Albuterol has >50% share of prescribed generics incl. AG). Depo-injectable filing should start from CY21. LPC expects a tax rate of 35% for FY21 which should progressively come down.

**Earnings call takeaways:** (1) Facility clearance order guided as follows: Gavis unit, Goa, and Pithampur II – LPC expects reinspection in nearterm. (2) Covid impact on Solosec prescriptions has begun to stabilise from April; cost optimisation measures in specialty business should reduce cost by >50%. (3) Approval for gFostair/gEnbrel in EU expected in H2FY21. (4) Capex at >Rs 5bn for FY21.

## **KEY FINANCIALS**

Y/E 31 Mar	FY18A	FY19A	FY20P	FY21E	FY22E
Total revenue (Rs mn)	158,021	167,010	152,062	170,057	186,113
EBITDA (Rs mn)	31,453	27,020	23,578	28,123	33,501
Adj. net profit (Rs mn)	17,137	9,464	3,518	11,830	15,141
Adj. EPS (Rs)	37.9	20.9	7.8	26.1	33.5
Adj. EPS growth (%)	(41.5)	(44.8)	(62.8)	236.3	28.0
Adj. ROAE (%)	12.6	6.9	2.6	8.7	10.6
Adj. P/E (x)	23.0	41.6	111.9	33.3	26.0
EV/EBITDA (x)	14.3	16.5	18.9	14.8	11.5

Source: Company, BOBCAPS Research

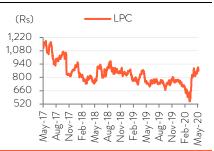
#### BOB Capital Markets Ltd is a wholly owned subsidiary of Bank of Baroda

Important disclosures, including any required research certifications, are provided at the end of this report.

Vivek Kumar research@bobcaps.in

Ticker/Price	LPC IN/Rs 870
Market cap	US\$ 5.2bn
Shares o/s	453mn
3M ADV	US\$ 41.3mn
52wk high/low	Rs 919/Rs 505
Promoter/FPI/DII	47%/25%/12%
Source: NSE	

### STOCK PERFORMANCE



Source: NSE





# FIG 1 – QUARTERLY PERFORMANCE

(Rs mn)	Q4FY20	Q4FY19	YoY (%)	Q3FY20	Q₀Q (%)	Q4FY20E	Var. (%)	FY20P	FY19	Y₀Y (%)
Net Sales	38,457	44,063	(12.7)	37,692	2.0	39,314	(2.2)	152,062	167,180	(9.0)
EBITDA	5,254	8,724	(39.8)	4,291	22.4	5,279	(0.5)	23,578	27,019	(12.7)
Depreciation	2,142	2,808	-	2,532	-	2,532	-	9,702	10,850	-
EBIT	3,112	5,916	(47.4)	1,759	76.9	2,747	-	13,876	16,169	(14.2)
Interest	1,074	855	-	886	-	855	-	3,690	3,077	-
Other Income	2,086	865	-	936	-	600	-	4,859	5,447	-
PBT	4,124	5,926	(30.4)	1,809	128.0	2,492	-	15,045	18,539	(18.8)
Less: Taxation	1,051	2,998	-	675	-	872	-	11,570	9,016	-
Less: Minority Interest	17	56	-	(54)	-	0	-	(4)	23	-
Recurring PAT	3,056	2,872	6.4	1,188	157.4	1,620	88.7	3,479	9,500	(63.4)
Exceptional items	841	22	-	(9,872)		0		(6,219)	(3,400)	-
Reported PAT	3,897	2,894	34.7	(8,684)	(144.9)	1,620	140.6	(2,740)	6,100	(144.9)
Key Ratios (%)										
Gross Margin	63.5	68.1	-	63.9	-	65.0	-	64.3	65.0	-
EBITDA Margin	13.7	19.8	-	11.4	-	13.4	-	15.5	16.2	-
Tax / PBT	25.5	50.6	-	37.3	-	35.0	-	76.9	48.6	-
NPM	7.9	6.5	-	3.2	-	4.1	-	2.3	5.7	-
EPS (Rs)	6.8	6.3	-	2.6	-	3.6	-	7.7	21.0	-

Source: Company, BOBCAPS Research

### FIG 2 - REVENUE MIX

(Rs mn)	Q4FY20	Q4FY19	YoY (%)	Q3FY20	Q₀Q (%)	Q4FY20E	Var. (%)	FY20P	FY19	YoY (%)
Formulations	34,625	40,347	(14.2)	33,988	1.9	35,410	(2.2)	136,766	148,126	(7.7)
US	15,791	17,406	(9.3)	13,766	14.7	15,696	0.6	57,401	55,925	2.6
India	11,921	10,525	13.3	12,969	(8.1)	11,790	1.1	51,469	46,383	11.0
APAC	1,447	6,901	(79.0)	1,722	(16.0)	2,000	(27.7)	6,112	26,113	(76.6)
EMEA	3,650	3,397	7.4	2,913	25.3	3,567	2.3	13,097	11,906	10.0
LATAM	1,353	1,385	(2.3)	1,796	(24.7)	1,551	(12.8)	6,223	5,657	10.0
RoW	463	733	(36.8)	822	(43.7)	806	(42.6)	2,463	2,142	15.0
APIs	3,286	2,912	12.8	3,173	3.6	3,203	2.6	12,791	13,464	(5.0)
Other Operating income	547	804	(32.0)	532	2.9	700	(21.9)	2,506	5,591	(55.2)
Net Sales	38,458	44,063	(12.7)	37,693	2.0	39,314	(2.2)	152,062	167,181	(9.0)
US sales in \$ terms	219	247	(11.2)	193	13.4	218	-	811	801	1.3

Source: Company, BOBCAPS Research



# Valuation methodology

LPC is trading at 26x FY22E EPS which is reasonable and largely prices in the earnings pickup expected over the next two years. We forecast +18% EBITDA growth over FY20-FY22. Key catalysts ahead are approval for gProair in the US (expected in H1FY21) and gEnbrel/gFostair in the EU (expected in H2FY21). These together carry sales potential of US\$ 90mn-100mn. We have not penciled in upsides from distant opportunity gSpiriva (FY23 US launch).

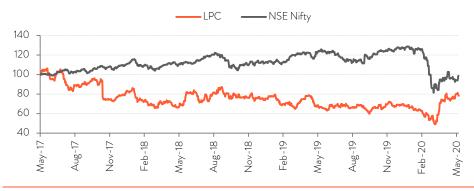
We revisit FY21 earnings estimates with a 7% cut to account for below-expected annualised revenue in the APAC region (ex-Kyowa) and a higher tax rate. Our EPS for FY22 stands revised upward by 3% as we build in higher market share of 20% vs. 15% earlier for Levo.

We retain ADD with a revised Mar'21 target price of Rs 960 (earlier Rs 790), based on a higher EV/EBITDA multiple of 13x FY22E (implied P/E of 28x) vs. 11.5x earlier. Our target multiple is in line with the earlier discount of 10% accorded to LPC vis-à-vis other frontline stocks (Cipla, Dr Reddy's), but 10% higher than Sun Pharma. A deepening US product pipeline, drug shortage opportunity in the US and a high share of branded generics are added longterm positives.

### FIG 3 – REVISED ESTIMATES

		New			Old			Change (%)	)
(Rs bn)	FY20P	FY21E	FY22E	FY20E	FY21E	FY22E	FY20P	FY21E	FY22E
Sales	152	170	186	163	173	186	(6.7)	(1.7)	0.2
EBITDA	24	28	34	25	30	34	(5.8)	(6.9)	(1.1)
EBITDA margin (%)	15.5	16.5	18.0	15.4	17.5	18.2	15bps	(92bps)	(24bps)
EPS (Rs)	8	26	33	18	28	32	(57.9)	(6.7)	3.1

Source: Company, BOBCAPS Research



## FIG 4 – RELATIVE STOCK PERFORMANCE

Source: NSE



# Key risks

# Upside risks

- Earlier-than-expected resolution of warning letters at Goa and Indore Unit II
  together both events have the potential to increase FY21E EBITDA by 5%.
- gSpiriva (FY23 US launch).

# Downside risks

• Higher-than-expected price erosion in the US.



## FINANCIALS

#### Income Statement

Y/E 31 Mar (Rs mn)	FY18A	FY19A	FY20P	FY21E	FY22E
Total revenue	158,021	167,010	152,062	170,057	186,113
EBITDA	31,453	27,020	23,578	28,123	33,501
Depreciation	10,857	10,850	9,702	10,846	11,746
EBIT	20,596	16,170	13,876	17,277	21,755
Net interest income/(expenses)	(2,043)	(3,078)	(3,690)	(2,743)	(1,646)
Other income/(expenses)	1,504	5,441	4,859	4,476	4,238
Exceptional items	0	0	0	0	0
EBT	20,057	18,533	15,045	19,010	24,348
Income taxes	2,885	9,017	11,570	7,224	9,252
Extraordinary items	(14,643)	(3,399)	(6,219)	0	0
Min. int./Inc. from associates	36	52	(43)	(44)	(45)
Reported net profit	2,494	6,065	(2,701)	11,830	15,141
Adjustments	14,643	3,399	6,219	0	0
Adjusted net profit	17,137	9,464	3,518	11,830	15,141
	FY18A	FY19A	FY20P	FY21E	FY22E
					<b>FY22E</b>
<b>Y/E 31 Mar (Rs mn)</b> Accounts payables	24,754	23,935	23,134	26,319	27,756
<b>Y/E 31 Mar (Rs mn)</b> Accounts payables Other current liabilities	24,754 18,886	23,935 23,386	23,134 38,643	26,319 38,643	27,756 38,643
<b>Y/E 31 Mar (Rs mn)</b> Accounts payables Other current liabilities Provisions	24,754 18,886 8,085	23,935 23,386 11,807	23,134 38,643 12,040	26,319 38,643 8,574	27,756 38,643 10,388
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds	24,754 18,886 8,085 68,762	23,935 23,386 11,807 82,219	23,134 38,643	26,319 38,643 8,574 34,288	27,756 38,643 10,388 27,431
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds Other liabilities	24,754 18,886 8,085 68,762 0	23,935 23,386 11,807 82,219 0	23,134 38,643 12,040 42,860 0	26,319 38,643 8,574 34,288 0	27,756 38,643 10,388 27,431 0
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds Other liabilities Equity capital	24,754 18,886 8,085 68,762	23,935 23,386 11,807 82,219	23,134 38,643 12,040 42,860	26,319 38,643 8,574 34,288	27,756 38,643 10,388 27,431 0 905
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds Other liabilities Equity capital Reserves & surplus	24,754 18,886 8,085 68,762 0 904 135,667	23,935 23,386 11,807 82,219 0 905 136,985	23,134 38,643 12,040 42,860 0 905 131,206	26,319 38,643 8,574 34,288 0 905	27,756 38,643 10,388 27,431 0 905 146,060
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds	24,754 18,886 8,085 68,762 0 904	23,935 23,386 11,807 82,219 0 905	23,134 38,643 12,040 42,860 0 905	26,319 38,643 8,574 34,288 0 905 137,721	27,756 38,643 10,388 27,431
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds Other liabilities Equity capital Reserves & surplus Shareholders' fund Total liabilities and equities	24,754 18,886 8,085 68,762 0 904 135,667 136,571	23,935 23,386 11,807 82,219 0 905 136,985 137,890	23,134 38,643 12,040 42,860 0 905 131,206 132,111	26,319 38,643 8,574 34,288 0 905 137,721 138,626	27,756 38,643 10,388 27,43 0 905 146,060 146,965 <b>251,18</b> 1
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds Other liabilities Equity capital Reserves & surplus Shareholders' fund Total liabilities and equities Cash and cash eq.	24,754 18,886 8,085 68,762 0 904 135,667 136,571 <b>257,058</b>	23,935 23,386 11,807 82,219 0 905 136,985 137,890 <b>279,237</b>	23,134 38,643 12,040 42,860 0 905 131,206 132,111 <b>248,788</b>	26,319 38,643 8,574 34,288 0 905 137,721 138,626 <b>246,451</b>	27,756 38,643 10,388 27,431 0 905 146,060 146,965 <b>251,181</b> 22,042
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds Other liabilities Equity capital Reserves & surplus Shareholders' fund Total liabilities and equities Cash and cash eq. Accounts receivables	24,754 18,886 8,085 68,762 0 904 135,667 136,571 <b>257,058</b> 14,080	23,935 23,386 11,807 82,219 0 905 136,985 137,890 <b>279,237</b> 9,872	23,134 38,643 12,040 42,860 0 905 131,206 132,111 <b>248,788</b> 25,303	26,319 38,643 8,574 34,288 0 905 137,721 138,626 <b>246,451</b> 19,362	27,756 38,643 10,388 27,43 0 905 146,965 146,965 <b>251,18</b> 22,042 56,089
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds Other liabilities Equity capital Reserves & surplus Shareholders' fund	24,754 18,886 8,085 68,762 0 904 135,667 136,571 <b>257,058</b> 14,080 51,922	23,935 23,386 11,807 82,219 0 905 136,985 137,890 <b>279,237</b> 9,872 51,498	23,134 38,643 12,040 42,860 0 905 131,206 132,111 <b>248,788</b> 25,303 54,459	26,319 38,643 8,574 34,288 0 905 137,721 138,626 <b>246,451</b> 19,362 51,250	27,756 38,643 10,388 27,43 0 905 146,060 146,965 <b>251,18</b> 1 22,042 56,089 38,242
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds Other liabilities Equity capital Reserves & surplus Shareholders' fund Total liabilities and equities Cash and cash eq. Accounts receivables Inventories	24,754 18,886 8,085 68,762 0 904 135,667 136,571 <b>257,058</b> 14,080 51,922 36,624	23,935 23,386 11,807 82,219 0 905 136,985 137,890 <b>279,237</b> 9,872 51,498 38,368	23,134 38,643 12,040 42,860 0 905 131,206 132,111 <b>248,788</b> 25,303 54,459 34,569	26,319 38,643 8,574 34,288 0 905 137,721 138,626 <b>246,451</b> 19,362 51,250 40,784	27,756 38,643 10,388 27,431 00 905 146,060 146,965 <b>251,181</b> 22,042 56,089 38,242 25,746
Y/E 31 Mar (Rs mn) Accounts payables Other current liabilities Provisions Debt funds Other liabilities Equity capital Reserves & surplus Shareholders' fund Total liabilities and equities Cash and cash eq. Accounts receivables Inventories Other current assets	24,754 18,886 8,085 68,762 0 904 135,667 136,571 <b>257,058</b> 14,080 51,922 36,624 22,484	23,935 23,386 11,807 82,219 0 905 136,985 137,890 <b>279,237</b> 9,872 51,498 38,368 29,534	23,134 38,643 12,040 42,860 0 905 131,206 132,111 <b>248,788</b> 25,303 54,459 34,569 23,746	26,319 38,643 8,574 34,288 0 905 137,721 138,626 <b>246,451</b> 19,362 51,250 40,784 24,746	27,756 38,643 10,388 27,431 0 905 146,060 146,965

24,484

0

0

23,803

279,237

0

0

18,515

248,788

0

0

18,515

246,451

0

0

Total assets 257,059 Source: Company, BOBCAPS Research

Intangible assets

Other assets

Deferred tax assets, net

18,515

251,181

0



Y/E 31 Mar (Rs mn)	FY18A	FY19A	FY20P	FY21E	FY22E
Net income + Depreciation	23,847	17,539	7,001	22,677	26,887
Interest expenses	2,043	3,078	3,690	2,743	1,646
Non-cash adjustments	(2,465)	290	4,701	0	0
Changes in working capital	(3,352)	(994)	21,314	(4,286)	(47)
Other operating cash flows	0	0	0	0	0
Cash flow from operations	20,073	19,914	36,706	21,134	28,485
Capital expenditures	(19,298)	(9,136)	30,288	(10,500)	(10,500)
Change in investments	19,013	(20,355)	(736)	56	0
Other investing cash flows	0	0	0	0	0
Cash flow from investing	(285)	(29,491)	29,552	(10,444)	(10,500)
Equities issued/Others	1	1	0	0	0
Debt raised/repaid	(10,758)	13,457	(39,359)	(8,572)	(6,858)
Interest expenses	(2,043)	(3,078)	(3,690)	(2,743)	(1,646)
Dividends paid	(4,651)	(7,274)	(9,077)	(5,315)	(6,802)
Other financing cash flows	4,748	2,264	1,298	0	0
Cash flow from financing	(12,703)	5,369	(50,828)	(16,630)	(15,306)
Changes in cash and cash eq.	7,085	(4,208)	15,431	(5,941)	2,679
Closing cash and cash eq.	14,079	9,872	25,303	19,362	22,042

## Per Share

Y/E 31 Mar (Rs)	FY18A	FY19A	FY20P	FY21E	FY22E
Reported EPS	5.5	13.4	(6.0)	26.1	33.5
Adjusted EPS	37.9	20.9	7.8	26.1	33.5
Dividend per share	9.0	6.0	(2.7)	11.7	15.0
Book value per share	300.9	303.7	290.9	305.3	323.7

## Valuations Ratios

Y/E 31 Mar (x)	FY18A	FY19A	FY20P	FY21E	FY22E
EV/Sales	2.9	2.7	2.9	2.4	2.1
EV/EBITDA	14.3	16.5	18.9	14.8	11.5
Adjusted P/E	23.0	41.6	111.9	33.3	26.0
P/BV	2.9	2.9	3.0	2.8	2.7

# **DuPont Analysis**

Y/E 31 Mar (%)	FY18A	FY19A	FY20P	FY21E	FY22E
Tax burden (Net profit/PBT)	85.4	51.1	23.4	62.2	62.2
Interest burden (PBT/EBIT)	97.4	114.6	108.4	110.0	111.9
EBIT margin (EBIT/Revenue)	13.0	9.7	9.1	10.2	11.7
Asset turnover (Revenue/Avg TA)	15.3	15.6	14.4	17.2	18.7
Leverage (Avg TA/Avg Equity)	1.9	2.0	2.0	1.8	1.7
Adjusted ROAE	12.6	6.9	2.6	8.7	10.6

Source: Company, BOBCAPS Research | Note: TA = Total Assets



Ratio Analysis					
Y/E 31 Mar	FY18A	FY19A	FY20P	FY21E	FY22E
YoY growth (%)					
Revenue	(9.7)	5.7	(9.0)	11.8	9.4
EBITDA	(35.4)	(14.1)	(12.7)	19.3	19.1
Adjusted EPS	(41.5)	(44.8)	(62.8)	236.3	28.0
Profitability & Return ratios (%)					
EBITDA margin	19.9	16.2	15.5	16.5	18.0
EBIT margin	13.0	9.7	9.1	10.2	11.7
Adjusted profit margin	10.8	5.7	2.3	7.0	8.1
Adjusted ROAE	12.6	6.9	2.6	8.7	10.6
ROCE	8.3	4.9	1.2	7.5	9.0
Working capital days (days)					
Receivables	110	113	127	110	110
Inventory	84	82	88	88	75
Payables	175	152	158	158	158
Ratios (x)					
Gross asset turnover	1.4	1.3	1.3	1.4	1.4
Current ratio	2.4	2.2	1.9	1.9	1.9
Net interest coverage ratio	10.1	5.3	3.8	6.3	13.2
Adjusted debt/equity	0.4	0.4	0.0	(0.1)	(0.1)

Source: Company, BOBCAPS Research



# Disclaimer

#### Recommendations and Absolute returns (%) over 12 months

BUY - Expected return >+15%

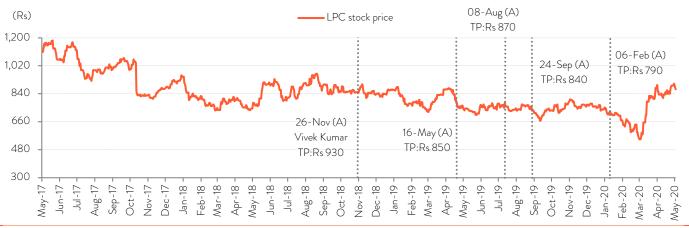
ADD - Expected return from >+5% to +15%

**REDUCE –** Expected return from -5% to +5%

SELL - Expected return <-5%

Note: Recommendation structure changed with effect from 1 January 2018 (Hold rating discontinued and replaced by Add / Reduce)

#### HISTORICAL RATINGS AND TARGET PRICE: LUPIN (LPC IN)



B – Buy, A – Add, R – Reduce, S – Sell

#### **Rating distribution**

As of 30 April 2020, out of 91 rated stocks in the BOB Capital Markets Limited (BOBCAPS) coverage universe, 57 have BUY ratings, 17 have ADD ratings, 9 are rated REDUCE, 7 are rated SELL and 1 is UNDER REVIEW. None of these companies have been investment banking clients in the last 12 months.

#### Analyst certification

The research analyst(s) authoring this report hereby certifies that (1) all of the views expressed in this research report accurately reflect his/her personal views about the subject company or companies and its or their securities, and (2) no part of his/her compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) in this report. Analysts are not registered as research analysts by FINRA and are not associated persons of BOBCAPS.

#### General disclaimers

BOBCAPS is engaged in the business of Institutional Stock Broking and Investment Banking. BOBCAPS is a member of the National Stock Exchange of India Limited and BSE Limited and is also a SEBI-registered Category I Merchant Banker. BOBCAPS is a wholly owned subsidiary of Bank of Baroda which has its various subsidiaries engaged in the businesses of stock broking, lending, asset management, life insurance, health insurance and wealth management, among others.

BOBCAPS's activities have neither been suspended nor has it defaulted with any stock exchange authority with whom it has been registered in the last five years. BOBCAPS has not been debarred from doing business by any stock exchange or SEBI or any other authority. No disciplinary action has been taken by any regulatory authority against BOBCAPS affecting its equity research analysis activities.

BOBCAPS has obtained registration as a Research Entity under SEBI (Research Analysts) Regulations, 2014, having registration No.: INH00000040 valid till 03 February 2020. BOBCAPS is also a SEBI-registered intermediary for the broking business having SEBI Single Registration Certificate No.: INZ000159332 dated 20 November 2017.

BOBCAPS prohibits its analysts, persons reporting to analysts, and members of their households from maintaining a financial interest in the securities or derivatives of any companies that the analysts cover. Additionally, BOBCAPS prohibits its analysts and persons reporting to analysts from serving as an officer, director, or advisory board member of any companies that the analysts cover.

Our salespeople, traders, and other professionals may provide oral or written market commentary or trading strategies to our clients that reflect opinions contrary to the opinions expressed herein, and our proprietary trading and investing businesses may make investment decisions that are inconsistent with the recommendations



expressed herein. In reviewing these materials, you should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additionally, other important information regarding our relationships with the company or companies that are the subject of this material is provided herein.

This material should not be construed as an offer to sell or the solicitation of an offer to buy any security in any jurisdiction where such an offer or solicitation would be illegal. We are not soliciting any action based on this material. It is for the general information of BOBCAPS's clients. It does not constitute a personal recommendation or take into account the particular investment objectives, financial situations, or needs of individual clients. Before acting on any advice or recommendation in this material, clients should consider whether it is suitable for their particular circumstances and, if necessary, seek professional advice.

The price and value of the investments referred to in this material and the income from them may go down as well as up, and investors may realize losses on any investments. Past performance is not a guide for future performance, future returns are not guaranteed and a loss of original capital may occur. BOBCAPS does not provide tax advice to its clients, and all investors are strongly advised to consult with their tax advisers regarding any potential investment in certain transactions — including those involving futures, options, and other derivatives as well as non-investment-grade securities — that give rise to substantial risk and are not suitable for all investors. The material is based on information that we consider reliable, but we do not represent that it is accurate or complete, and it should not be relied on as such. Opinions expressed are our current opinions as of the date appearing on this material only. We endeavour to update on a reasonable basis the information discussed in this material, but regulatory, compliance, or other reasons may prevent us from doing so.

We and our affiliates, officers, directors, and employees, including persons involved in the preparation or issuance of this material, may from time to time have "long" or "short" positions in, act as principal in, and buy or sell the securities or derivatives thereof of companies mentioned herein and may from time to time add to or dispose of any such securities (or investment). We and our affiliates may act as market makers or assume an underwriting commitment in the securities of companies discussed in this document (or in related investments), may sell them to or buy them from customers on a principal basis, and may also perform or seek to perform investment banking or advisory services for or relating to these companies and may also be represented in the supervisory board or any other committee of these companies.

For the purpose of calculating whether BOBCAPS and its affiliates hold, beneficially own, or control, including the right to vote for directors, one per cent or more of the equity shares of the subject company, the holdings of the issuer of the research report is also included.

BOBCAPS and its non-US affiliates may, to the extent permissible under applicable laws, have acted on or used this research to the extent that it relates to non-US issuers, prior to or immediately following its publication. Foreign currency denominated securities are subject to fluctuations in exchange rates that could have an adverse effect on the value or price of or income derived from the investment. In addition, investors in securities such as ADRs, the value of which are influenced by foreign currencies, effectively assume currency risk. In addition, options involve risks and are not suitable for all investors. Please ensure that you have read and understood the Risk disclosure document before entering into any derivative transactions.

In the US, this material is only for Qualified Institutional Buyers as defined under rule 144(a) of the Securities Act, 1933. No part of this document may be distributed in Canada or used by private customers in the United Kingdom.

No part of this material may be (1) copied, photocopied, or duplicated in any form by any means or (2) redistributed without BOBCAPS's prior written consent.

#### Company-specific disclosures under SEBI (Research Analysts) Regulations, 2014

The research analyst(s) or his/her relatives do not have any material conflict of interest at the time of publication of this research report.

BOBCAPS or its research analyst(s) or his/her relatives do not have any financial interest in the subject company. BOBCAPS or its research analyst(s) or his/her relatives do not have actual/beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

The research analyst(s) has not received any compensation from the subject company in the past 12 months. Compensation of the research analyst(s) is not based on any specific merchant banking, investment banking or brokerage service transactions.

BOBCAPS or its research analyst(s) is not engaged in any market making activities for the subject company.

The research analyst(s) has not served as an officer, director or employee of the subject company.

BOBCAPS or its associates may have material conflict of interest at the time of publication of this research report.

BOBCAPS's associates may have financial interest in the subject company. BOBCAPS's associates may hold actual / beneficial ownership of one per cent or more securities in the subject company at the end of the month immediately preceding the date of publication of this report.

BOBCAPS or its associates may have managed or co-managed a public offering of securities for the subject company or may have been mandated by the subject company for any other assignment in the past 12 months.

BOBCAPS may have received compensation from the subject company in the past 12 months. BOBCAPS may from time to time solicit or perform investment banking services for the subject company. BOBCAPS or its associates may have received compensation from the subject company in the past 12 months for services in respect of managing or co-managing public offerings, corporate finance, investment banking or merchant banking, brokerage services or other advisory services in a merger or specific transaction. BOBCAPS or its associates may have received compensation for products or services other than investment banking or merchant banking or brokerage services from the subject company in the past 12 months.