Sun Pharmaceutical Industries | BUY

JM FINANCIAL

Positive earnings surprise continue

Sun surprised the Street positively, yet again. Excluding milestone income (USD 20mn) Global specialty sales came in at USD 276mn, up USD 36mn QoQ. This was primarily led by Ilumya, Cequa and Levulan. Among geographical segments, US grew ahead of estimates, India was in line and EM/RoW disappointed on account of weaker currency. EBITDA margin of ~28% was partly driven by milestone income and forex gain adjusting for this margin was 26.1%. Reported PAT was INR 25bn, up 17% YoY (6% beat). Notably, gRevlimid contribution was lower this time around. Sun's annual operating cash flows of USD 1bn+ and potential access to Taro's rich cash reserves (if the offer sails through) creates room for bolder and bigger bets in the specialty segment (such as Concert), in our view. The key focus area remains derma and eve-care in the US. We expect Sun's specialty sales to sustain double-digit growth momentum given Ilumya's upward trajectory and Deuruxolitinib launch likely next fiscal. Also, the Street seems to be underappreciating Sun's potential in generics – it has a robust pipeline and resolution of site issues could be a positive trigger. In India, Sun's field force expansion and new launches/initiatives will continue to drive IPM outperformance. Given the robust specialty outlook, domestic leadership, strong cash position and risk-appetite for large M&As, we assume coverage with BUY and increase our multiple to 30x (vs. 28x earlier) to arrive at a Dec'24 TP of INR 1,580.

- Specialty growth sustains strong momentum: Global specialty sales was USD 296mn (including USD 20mn milestone) and grew 24% YoY (ex-milestone) driven by llumya, Cequa and Levulan. Deuruxolitinib approval is a key near-term trigger. We expect it to rapidly scale up in the newly evolving Alopecia Areata market. The IL-23 shift in PsO and PsA is becoming increasingly visible as global peers also signal a positive commentary this reaffirms our long-term growth thesis for llumya. The biosimilars of Humira, Stelara, etc., may not impact llumya's growth significantly. llumetri's addition to China's National Reimbursement Drug List w.e.f. 1st Jan'24 (out-licensed to CMS in Jun'19) could incrementally yield milestone/ royalty benefits. Levulan's 2H skew and Bromsite's Cigna formulary win could be immediate revenue drivers. We expect global specialty sales to deliver double-digit CAGR over FY23-26 and believe that it has achieved breakeven. Nidlegy, which recently completed Ph III studies in Europe, demonstrated positive data for skin cancer (not fully factored into Street estimates).
- US regulatory challenges overshadowed by specialty/ gRevlimid: US business ex-Taro grew 15% YoY to INR 31.6bn (5% beat) with minimal contribution from gRevlimid. SUNP's specialty growth and gRevlimid contribution w.e.f. 4Q23 has mitigated the impact of Halol/ Mohali. Any resolution of site issues is a key positive. The Street seems to be underappreciating Sun's generic pipeline and execution capabilities. The company launched three products (ex-Taro) during the quarter.
- India growth intact: SUNP maintained its guidance of growing in line or ahead of the IPM (9M growth ~9%) for FY24. India revenue grew 11% YoY to INR 37.8bn (1% beat).
 SUNP launched 28 new products in India during the quarter. The company believes it can

Amey Chalke amey.chalke@jmfl.com | Tel: (91 22) 66303056 Jainil Shah

jainil.shah@jmfl.com | Tel: (91 22) 66303155

Raghav Vedanarayanan

raghav.vedanarayanan@jmfl.com | Tel: (91 22) 62241851

Recommendation and Price Target	
Current Reco.	BUY
Previous Reco.	BUY
Current Price Target (12M)	1,580
Upside/(Downside)	11.4%
Previous Price Target	1,440
Change	9.7%

Key Data – SUNP IN	
Current Market Price	INR1,418
Market cap (bn)	INR3,403.3/US\$41.0
Free Float	41%
Shares in issue (mn)	2,399.0
Diluted share (mn)	2,399.0
3-mon avg daily val (mn)	INR2,587.3/US\$31.2
52-week range	1,439/922
Sensex/Nifty	71,752/21,726
INR/US\$	83.0

Price Performa	nce		
%	1M	6M	12M
Absolute	12.6	24.1	37.1
Relative*	13.4	15.0	13.8

* To the BSE Sensex

Financial Summary					(INR mn)
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
Net Sales	384,264	432,788	480,636	539,865	609,283
Sales Growth (%)	16.0	12.6	11.1	12.3	12.9
EBITDA	103,977	116,467	132,879	149,795	173,370
EBITDA Margin (%)	26.9	26.5	27.2	27.3	28.0
Adjusted Net Profit	78,562	86,450	98,105	112,187	130,807
Diluted EPS (INR)	32.7	36.0	40.9	46.8	54.5
Diluted EPS Growth (%)	32.5	10.0	13.5	14.4	16.6
ROIC (%)	20.4	20.9	20.1	22.4	25.7
ROE (%)	16.6	16.6	16.6	17.0	17.7
P/E (x)	43.3	39.3	34.7	30.3	26.0
P/B (x)	7.1	6.1	5.4	4.9	4.4
EV/EBITDA (x)	31.9	28.7	24.8	21.5	18.2
Dividend Yield (%)	0.5	0.6	0.8	1.0	1.2

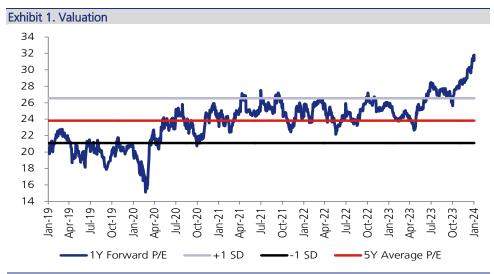
JM Financial Research is also available on: Bloomberg - JMFR <GO>, Thomson Publisher & Reuters, S&P Capital IQ, FactSet and Visible Alpha

Please see Appendix I at the end of this report for Important Disclosures and Disclaimers and Research Analyst Certification.

Source: Company data, swiftmancial: Note: Valuations

grow in line/ ahead of the IPM and we believe 10-12% growth is achievable over the next few years. EM was broadly flat YoY (12% miss) at INR 23.5bn and was impacted by adverse currency movements while RoW grew 14% YoY to INR 17.8bn (2% beat); however, excluding milestone income, growth was tepid at 3% YoY. API business declined 10% YoY to INR 4.7bn (14% miss).

- Bold M&As cannot be ruled out: Sun's balance sheet strength is remarkable it has net cash of USD 1.9bn (USD 660mn ex-Taro). Potential access to Taro's rich cash reserves (post minority buyout) will increase the risk appetite for more bolt-on acquisitions/deals. In addition to existing cash reserves, USD 1bn+ annual operating cash inflows create headroom for big-ticket M&A, in our view. These investments are likely to be in specialty assets in derma and eye-care segments in the US.
- Key financials: Sun's Revenue/EBITDA/Adj. PAT of INR 123.8bn/ 34.8bn/ 25.9bn grew +10%/+16%/+20% YoY and were in line/ +6%/ +9% vs. our estimates and in line/ +5%/ +7% vs. consensus estimates Gross margin improved 280bps YoY to ~77.9% (JMFe: 76.9%), primarily due to change in product mix, contribution of higher specialty sales and milestone income of USD 20mn. EBITDA margin improved 140bps YoY to 28.1% (JMFe: 26.3%); however, this was partly driven by milestone income and forex gain, adjusted margin was 26.1%. Forex gain for the quarter stood at INR 1.2bn vs. INR 31mn (loss) in 2Q23. R&D expenses stood at INR 8.2bn (6.8% of sales) of which global specialty constituted ~39%.



Source: Bloomberg, JM Financial



Source: Company, JM Financial; 3Q24 excludes USD 20mn milestone payment

Exhibit 3. G	Exhibit 3. Global specialty pipeline									
Candidate	Indication	Current phase	Next milestone							
Deuruxolitinib	Alopecia areata	Filed with US FDA	PDUFA date in Jul-24							
Nidlegy	Skin cancer	First Phase-3 topline reported	Partner to disclose at appropriate time							
Ilumya	Psoriatic arthritis	Phase-3	First topline data by late-25							
MM-II	Pain in osteoarthritis	Phase-2 completed	Phase-3 to start in early-24							
SCD-044	Psoriasis, atopic dermatitis	Phase 2	First topline data by end-24 (atopic dermatitis)							
GL0034	Type-2 diabetes	Phase-1 completed	Phase-2 to start by early-24							

Source: Company, JM Financial

Particulars	Eli Lilly	er efficacy than peers Concert	Pfizer
Name	Barcitinib (Olumiant)	Deuruxolitinib	Ritlecitinib (Litfulo)
Status	Approved in Jun'22	NDA filing in CY23	Approved in 2QCY23
Duration	36 weeks	24 weeks	24 weeks
Dosage	2mg. 4mg	8mg	50mg
Efficacy	Trial AA1 2mg- 22% 4mg-35% Placebo- 5% Trial AA2 2mg- 17% 4mg-32% Placebo- 3%	THRIVE-AA1 8mg- 42% 12mg-30% Placebo- 1% THRIVE-AA2 8mg- 38% 12mg-33% Placebo- 1%	ALLEGRO Phase 2b/3 trial 50mg-23 % Placebo- 2%

Source: Industry, JM Financial

Exhibit 5. Break-	Exhibit 5. Break-up of USA sales										
	1Q22	2Q22	3Q22	4Q22	1Q23	2Q23	3Q23	4Q23	1Q24	2Q24	3Q24
US Sales	380	361	397	389	420	412	422	430	471	430	477
of which											
Taro (US)	99	88	93	96	99	82	88	92	100	93	99
Specialty (c.90% US)	133	141	165	167	172	181	203	213	209	216	248
Generic	148	131	139	127	149	149	132	124	162	121	130

Source: Company, JM Financial

Sun Pharma P&L	3Q23A	3Q24E	% YoY	3Q24E	% vs JMFe	3Q24E (cons)	% vs cons	2Q24A	% QoQ
(in INR mn)									
Total sales	1,11,001	1,21,569	10%	1,22,572	-1%			1,20,031	1%
Other op. income	1,408	2,238	59%	1,634	37%			1,893	18%
Total revenue from operations	1,12,410	1,23,807	10%	1,24,205	0%	1,23,400	0%	1,21,924	2%
Expenses									
Raw material	28,037	27,369	-2%	28,691	-5%			27,871	-2%
Gross Profit	84,373	96,438	14%	95,514				94,053	
% Gross Margin	75%	77.9%	284bps	76.9%				77%	75bps
Staff cost	20,371	23,633	16%	23,847	-1%			23,644	0%
Other expenses	33,965	38,036	12%	39,001	-2%			38,616	-2%
EBITDA	30,037	34,768	16%	32,666	6%	33,110	5%	31,794	9%
% EBITDA Margin	26.7%	28.1%	136bps	26.3%	178bps	26.8%	125bps	26.1%	201bps
Other income	1,739	2,502	44%	2,400	4%			2,936	-15%
Finance Costs	462	347	-25%	500	-31%			493	-30%
Depreciation	6,600	6,221	-6%	6,500	-4%			6,328	-2%
Profit Before Tax (PBT)	24,715	30,702	24%	28,066	9%			27,909	10%
Tax	2,834	4,323		3,929				3,901	
% Tax rate	11%	14%		14%				14%	
Minority Interest & JVs	220	443		250				253	
Exceptional income (expense)	0	(698)		0				-	
Reported Net Profit	21,660	25,238		23,887				23,755	6%
Reported EPS (INR)	9.0	10.5	17%	10.0				9.9	6%
Net Profit - Adjusted	21,660	25,936	20%	23,887	9%	24,190	7%	23,755	9%
EPS (INR) - Adjusted	9.0	10.8	20%	10.0	9%			9.9	9%
		_							
% Cost Ratios	3Q23A	3Q24E	% YoY	3Q24E	% vs JMFe			2Q24A	% QoQ
Raw Materials	24.9	22.1	-284bps	23.1	-99bps			22.9	-75bps
Staff Cost	18.1	19.1	97bps	19.2	-11bps			19.4	-30bps
Other expenses	30.2	30.7	51bps	31.4	-68bps			31.7	-95bps
Sales Break-up	3Q23A	3Q24E	% YoY	3Q24E	% vs JMFe	3Q24E (cons)	% YoY	2Q24A	% QoQ
Domestic Formulations	33,919	37,785	11%	37,311	1%	37,400	1%	38,425	-2%
US	34,660	39,736	15%	38,064	4%			35,504	12%
- US (ex-Taro)	27,449	31,617	15%	30,274	4%			27,848	14%
Emerging Markets	21,158	20,946	-1%	23,697	-12%			23,449	-11%
RoW Formulations	15,563	17,797	14%	17,430	2%			17,000	5%
APIs	5,154	4,661	-10%	5,412	-14%			4,972	-6%
Others	548	644	18%	658	-2%			680	-5%
Total sales	1,11,001	1,21,569	10%	1,22,572	-1%			1,20,031	1%

Source: Company, JM Financial

Exhibit 7. 30	Q growth trending at ~9%								
BRANDS	THERAPY	MAT DEC'23	MAT DEC'23 % YoY	DEC'23	DEC'23 % YoY	3Q24	3Q24 %YoY	9M24	9M24 %YoY
SUN		1,64,440	10%	14,040	5%	42,486	9%	1,25,682	9%
ROSUVAS	CARDIAC	4,096	23%	370	14%	1,081	19%	3,155	22%
LEVIPIL	NEURO / CNS	3,954	11%	339	10%	1,031	14%	3,041	12%
VOLINI	PAIN / ANALGESICS	3,467	-2%	301	5%	930	3%	2,731	-1%
GEMER	ANTI DIABETIC	3,318	9%	265	1%	802	1%	2,528	7%
SUSTEN	GYNAEC.	2,887	6%	231	2%	694	8%	2,173	5%
PANTOCID	GASTRO INTESTINAL	2,814	10%	244	7%	737	13%	2,164	10%
PANTOCID-D	GASTRO INTESTINAL	2,588	7%	220	7%	663	10%	1,985	7%
MONTEK-LC	RESPIRATORY	2,487	13%	249	11%	741	16%	1,814	11%
MOXCLAV	ANTI-INFECTIVES	2,256	7%	203	-10%	633	-2%	1,645	-2%
SOMPRAZ-D	GASTRO INTESTINAL	2,171	19%	203	24%	574	18%	1,684	18%
RIFAGUT	GASTRO INTESTINAL	1,914	17%	150	9%	457	14%	1,472	15%
REVITAL H	VITAMINS/MINERALS/NUTRIENTS	1,867	-4%	167	13%	517	12%	1,447	-2%
ROZAVEL	CARDIAC	1,702	12%	140	-1%	426	6%	1,307	11%
SPORIDEX	ANTI-INFECTIVES	1,656	6%	136	5%	426	9%	1,281	9%
URSOCOL	HEPATOPROTECTIVES	1,629	19%	132	11%	422	16%	1,284	18%
Top 15		38,805	10%	3,349	7%	10,135	10%	29,710	9%
Top 16-25		13,417	7%	1,168	8%	3,500	12%	10,264	7%
Top 26-50		991	46%	93	36%	272	39%	770	43%

Source: IQVIA, JM Financial; Amount in INR mn

Financial Tables (Consolidated)

Income Statement (INI									
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E				
Net Sales	384,264	432,788	480,636	539,865	609,283				
Sales Growth	16.0%	12.6%	11.1%	12.3%	12.9%				
Other Operating Income	2,281	6,068	7,889	8,835	9,895				
Total Revenue	386,545	438,856	488,524	548,700	619,178				
Cost of Goods Sold/Op. Exp	103,515	106,622	110,651	125,104	140,553				
Personnel Cost	73,008	82,960	95,018	105,350	116,405				
Other Expenses	106,044	132,807	149,977	168,451	188,849				
EBITDA	103,977	116,467	132,879	149,795	173,370				
EBITDA Margin	26.9%	26.5%	27.2%	27.3%	28.0%				
EBITDA Growth	22.5%	12.0%	14.1%	12.7%	15.7%				
Depn. & Amort.	21,437	25,294	25,403	27,984	30,959				
EBIT	82,540	91,173	107,475	121,812	142,411				
Other Income	7,942	4,625	7,916	9,949	11,822				
Finance Cost	0	0	0	0	0				
PBT before Excep. & Forex	90,482	95,798	115,392	131,760	154,233				
Excep. & Forex Inc./Loss(-)	0	0	0	0	0				
PBT	90,482	95,798	115,392	131,760	154,233				
Taxes	10,755	8,476	16,386	18,974	22,827				
Extraordinary Inc./Loss(-)	-45,668	-1,715	-3,927	0	0				
Assoc. Profit/Min. Int.(-)	1,331	873	901	600	600				
Reported Net Profit	32,728	84,735	94,178	112,187	130,807				
Adjusted Net Profit	78,562	86,450	98,105	112,187	130,807				
Net Margin	20.3%	19.7%	20.1%	20.4%	21.1%				
Diluted Share Cap. (mn)	2,399.0	2,399.0	2,399.0	2,399.0	2,399.0				
Diluted EPS (INR)	32.7	36.0	40.9	46.8	54.5				
Diluted EPS Growth	32.5%	10.0%	13.5%	14.4%	16.6%				
Total Dividend + Tax	21,692	25,197	33,586	38,384	47,980				
Dividend Per Share (INR)	7.7	8.9	11.9	13.6	17.0				

1					
Balance Sheet					(INR mn)
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
Shareholders' Fund	480,112	559,954	624,473	698,276	781,103
Share Capital	1,200	1,200	1,200	1,200	1,200
Reserves & Surplus	478,913	558,754	623,273	697,076	779,903
Preference Share Capital	0	0	0	0	0
Minority Interest	30,549	33,201	34,102	34,702	35,302
Total Loans	9,307	61,979	46,979	31,979	16,979
Def. Tax Liab. / Assets (-)	0	0	0	0	0
Total - Equity & Liab.	519,968	655,134	705,554	764,956	833,383
Net Fixed Assets	232,573	293,933	287,755	281,366	274,778
Gross Fixed Assets	265,634	291,118	324,847	363,078	406,086
Intangible Assets	120,884	180,396	165,892	149,255	130,619
Less: Depn. & Amort.	161,920	187,214	212,617	240,601	271,560
Capital WIP	7,975	9,634	9,634	9,634	9,634
Investments	125,825	144,407	144,407	144,407	144,407
Current Assets	339,601	369,096	435,245	519,461	615,425
Inventories	89,968	105,131	112,166	125,104	138,628
Sundry Debtors	105,929	114,385	131,681	147,908	166,927
Cash & Bank Balances	50,334	57,703	98,125	151,713	213,596
Loans & Advances	0	0	0	0	0
Other Current Assets	93,371	91,878	93,272	94,736	96,274
Current Liab. & Prov.	178,031	152,302	161,853	180,278	201,227
Current Liabilities	57,827	72,026	63,092	69,346	76,032
Provisions & Others	120,204	80,276	98,761	110,931	125,195
Net Current Assets	161,570	216,794	273,392	339,184	414,198
Total – Assets	519,968	655,134	705,554	764,956	833,383

Source: Company, JM Financial

Source: Company, JM Financial

Cash Flow Statement					(INR mn)
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
Profit before Tax	44,813	94,084	115,392	131,760	154,233
Depn. & Amort.	23,093	25,521	25,403	27,984	30,959
Net Interest Exp. / Inc. (-)	-4,261	-2,125	2,098	1,574	1,180
Inc (-) / Dec in WCap.	15,591	-56,618	-16,176	-12,204	-13,131
Others	917	3,830	0	0	0
Taxes Paid	9,692	-15,098	-16,386	-18,974	-22,827
Operating Cash Flow	89,845	49,593	110,332	130,140	150,415
Capex	-14,950	-20,856	-19,225	-21,595	-24,371
Free Cash Flow	74,895	28,738	91,107	108,546	126,044
Inc (-) / Dec in Investments	0	0	0	0	0
Others	-42,297	-58,581	0	0	0
Investing Cash Flow	-57,247	-79,437	-19,225	-21,595	-24,371
Inc / Dec (-) in Capital	-1,857	0	0	0	0
Dividend + Tax thereon	-21,692	-25,197	-33,586	-38,384	-47,980
Inc / Dec (-) in Loans	-27,099	50,304	-15,000	-15,000	-15,000
Others	-1,287	-1,346	-2,098	-1,574	-1,180
Financing Cash Flow	-51,935	23,761	-50,684	-54,958	-64,160
Inc / Dec (-) in Cash	-19,337	-6,083	40,422	53,588	61,884
Opening Cash Balance	64,453	50,334	57,703	98,125	151,713
Closing Cash Balance	50,333	57,703	98,125	151,713	213,596

Dupont Analysis							
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E		
Net Margin	20.3%	19.7%	20.1%	20.4%	21.1%		
Asset Turnover (x)	0.7	0.7	0.7	0.7	0.8		
Leverage Factor (x)	1.1	1.2	1.2	1.1	1.1		
RoE	16.6%	16.6%	16.6%	17.0%	17.7%		

Key Ratios					
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
BV/Share (INR)	200.1	233.4	260.3	291.1	325.6
ROIC	20.4%	20.9%	20.1%	22.4%	25.7%
ROE	16.6%	16.6%	16.6%	17.0%	17.7%
Net Debt/Equity (x)	-0.2	-0.2	-0.2	-0.3	-0.4
P/E (x)	43.3	39.3	34.7	30.3	26.0
P/B (x)	7.1	6.1	5.4	4.9	4.4
EV/EBITDA (x)	31.9	28.7	24.8	21.5	18.2
EV/Sales (x)	8.6	7.6	6.7	5.9	5.1
Debtor days	100	95	98	98	98
Inventory days	85	87	84	83	82
Creditor days	58	64	49	50	50

Source: Company, JM Financial

Source: Company, JM Financial

istory of Recommendation and Target Price				
Date	Recommendation	Target Price	% Chg.	
31-May-22	Buy	1,090		
30-Jul-22	Buy	1,130	3.7	
1-Nov-22	Buy	1,180	4.4	
31-Jan-23	Buy	1,180	0.0	
27-May-23	Buy	1,200	1.7	
3-Aug-23	Buy	1,255	4.6	
2-Nov-23	Buy	1,305	4.0	
4-Jan-24	Buy	1,440	10.3	



APPENDIX I

JM Financial Institutional Securities Limited

Corporate Identity Number: U67100MH2017PLC296081

Member of BSE Ltd. and National Stock Exchange of India Ltd.

SEBI Registration Nos.: Stock Broker - INZ000163434, Research Analyst - INH000000610

Registered Office: 7th Floor, Cnergy, Appasaheb Marathe Marg, Prabhadevi, Mumbai 400 025, India.

Board: +91 22 6630 3030 | Fax: +91 22 6630 3488 | Email: jmfinancial.research@jmfl.com | www.jmfl.com Compliance Officer: Mr. Sahil Salastekar | Tel: +91 22 6224 1073 | Email: sahil.salastekar@jmfl.com

Grievance officer: Mr. Sahil Salastekar | Tel: +91 22 6224 1073 | Email: instcompliance@jmfl.com

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

Definition of	ratings
Rating	Meaning
Buy	Total expected returns of more than 10% for stocks with market capitalisation in excess of INR 200 billion and REITs* and more than 15% for all other stocks, over the next twelve months. Total expected return includes dividend yields.
Hold	Price expected to move in the range of 10% downside to 10% upside from the current market price for stocks with market capitalisation in excess of INR 200 billion and REITs* and in the range of 10% downside to 15% upside from the current market price for all other stocks, over the next twelve months.
Sell	Price expected to move downwards by more than 10% from the current market price over the next twelve months.

^{*} REITs refers to Real Estate Investment Trusts.

Research Analyst(s) Certification

The Research Analyst(s), with respect to each issuer and its securities covered by them in this research report, certify that:

All of the views expressed in this research report accurately reflect his or her or their personal views about all of the issuers and their securities; and

No part of his or her or their compensation was, is, or will be directly or indirectly related to the specific recommendations or views expressed in this research
report.

Important Disclosures

This research report has been prepared by JM Financial Institutional Securities Limited (JM Financial Institutional Securities) to provide information about the company(ies) and sector(s), if any, covered in the report and may be distributed by it and/or its associates solely for the purpose of information of the select recipient of this report. This report and/or any part thereof, may not be duplicated in any form and/or reproduced or redistributed without the prior written consent of JM Financial Institutional Securities. This report has been prepared independent of the companies covered herein.

JM Financial Institutional Securities is registered with the Securities and Exchange Board of India (SEBI) as a Research Analyst and a Stock Broker having trading memberships of the BSE Ltd. (BSE) and National Stock Exchange of India Ltd. (NSE). No material disciplinary action has been taken by SEBI against JM Financial Institutional Securities in the past two financial years which may impact the investment decision making of the investor. Registration granted by SEBI and certification from the National Institute of Securities Market (NISM) in no way guarantee performance of JM Financial Institutional Securities or provide any assurance of returns to investors.

JM Financial Institutional Securities renders stock broking services primarily to institutional investors and provides the research services to its institutional clients/investors. JM Financial Institutional Securities and its associates are part of a multi-service, integrated investment banking, investment management, brokerage and financing group. JM Financial Institutional Securities and/or its associates might have provided or may provide services in respect of managing offerings of securities, corporate finance, investment banking, mergers & acquisitions, broking, financing or any other advisory services to the company(ies) covered herein. JM Financial Institutional Securities and/or its associates might have received during the past twelve months or may receive compensation from the company(ies) mentioned in this report for rendering any of the above services.

JM Financial Institutional Securities and/or its associates, their directors and employees may; (a) from time to time, have a long or short position in, and buy or sell the securities of the company(ies) mentioned herein or (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) covered under this report or (c) act as an advisor or lender/borrower to, or may have any financial interest in, such company(ies) or (d) considering the nature of business/activities that JM Financial Institutional Securities is engaged in, it may have potential conflict of interest at the time of publication of this report on the subject company(ies).

Neither JM Financial Institutional Securities nor its associates or the Research Analyst(s) named in this report or his/her relatives individually own one per cent or more securities of the company(ies) covered under this report, at the relevant date as specified in the SEBI (Research Analysts) Regulations, 2014.

The Research Analyst(s) principally responsible for the preparation of this research report and their immediate relatives are prohibited from buying or selling debt or equity securities, including but not limited to any option, right, warrant, future, long or short position issued by company(ies) covered under this report. The Research Analyst(s) principally responsible for the preparation of this research report or their immediate relatives (as defined under SEBI (Research Analysts) Regulations, 2014); (a) do not have any financial interest in the company(ies) covered under this report or (b) did not receive any compensation from the company(ies) covered under this report, or from any third party, in connection with this report or (c) do not have any other material conflict of interest at the time of publication of this report. Research Analyst(s) are not serving as an officer, director or employee of the company(ies) covered under this report.

While reasonable care has been taken in the preparation of this report, it does not purport to be a complete description of the securities, markets or developments referred to herein, and JM Financial Institutional Securities does not warrant its accuracy or completeness. JM Financial Institutional Securities may not be in any way responsible for any loss or damage that may arise to any person from any inadvertent error in the information contained in this report. This report is provided for information only and is not an investment advice and must not alone be taken as the basis for an investment decision.

This research report is based on the fundamental research/analysis conducted by the Research Analyst(s) named herein. Accordingly, this report has been prepared by studying/focusing on the fundamentals of the company(ies) covered in this report and other macro-economic factors. JM Financial Institutional Securities may have also issued or may issue, research reports and/or recommendations based on the technical/quantitative analysis of the company(ies) covered in this report by studying and using charts of the stock's price movement, trading volume and/or other volatility parameters. As a result, the views/recommendations expressed in such technical research reports could be inconsistent or even contrary to the views contained in this report.

The investment discussed or views expressed or recommendations/opinions given herein may not be suitable for all investors. The user assumes the entire risk of any use made of this information. The information contained herein may be changed without notice and JM Financial Institutional Securities reserves the right to make modifications and alterations to this statement as they may deem fit from time to time.

This report is neither an offer nor solicitation of an offer to buy and/or sell any securities mentioned herein and/or not an official confirmation of any transaction.

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 JM Financial Institutional Securities and/or its affiliated company(ies) 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 a certain category of investors. Persons in whose possession this report may come, are required to inform themselves of and to observe such restrictions.

Additional disclosure only for U.S. persons: JM Financial Institutional Securities has entered into an agreement with JM Financial Securities, Inc. ("JM Financial Securities"), a U.S. registered broker-dealer and member of the Financial Industry Regulatory Authority ("FINRA") in order to conduct certain business in the United States in reliance on the exemption from U.S. broker-dealer registration provided by Rule 15a-6, promulgated under the U.S. Securities Exchange Act of 1934 (the "Exchange Act"), as amended, and as interpreted by the staff of the U.S. Securities and Exchange Commission ("SEC") (together "Rule 15a-6").

This research report is distributed in the United States by JM Financial Securities in compliance with Rule 15a-6, and as a "third party research report" for purposes of FINRA Rule 2241. In compliance with Rule 15a-6(a)(3) this research report is distributed only to "major U.S. institutional investors" as defined in Rule 15a-6 and is not intended for use by any person or entity that is not a major U.S. institutional investor. If you have received a copy of this research report and are not a major U.S. institutional investor, you are instructed not to read, rely on, or reproduce the contents hereof, and to destroy this research or return it to JM Financial Institutional Securities or to JM Financial Securities.

This research report is a product of JM Financial Institutional Securities, which is the employer of the research analyst(s) solely responsible for its content. The research analyst(s) preparing this research report is/are resident outside the United States and are not associated persons or employees of any U.S. registered broker-dealer. Therefore, the analyst(s) are not subject to supervision by a U.S. broker-dealer, or otherwise required to satisfy the regulatory licensing requirements of FINRA and may not be subject to the Rule 2241 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account.

Any U.S. person who is recipient of this report that wishes further information regarding, or to effect any transaction in, any of the securities discussed in this report, must contact, and deal directly through a U.S. registered representative affiliated with a broker-dealer registered with the SEC and a member of FINRA. In the U.S., JM Financial Institutional Securities has an affiliate, JM Financial Securities, Inc. located at 1325 Avenue of the Americas, 28th Floor, Office No. 2821, New York, New York 10019. Telephone +1 (332) 900 4958 which is registered with the SEC and is a member of FINRA and SIPC.

Additional disclosure only for U.K. persons: Neither JM Financial Institutional Securities nor any of its affiliates is authorised in the United Kingdom (U.K.) by the Financial Conduct Authority. As a result, this report is for distribution only to persons who (i) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Financial Promotion Order"), (ii) are persons falling within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc.") of the Financial Promotion Order, (iii) are outside the United Kingdom, or (iv) are persons to whom an invitation or inducement to engage in investment activity (within the meaning of section 21 of the Financial Services and Markets Act 2000) in connection with the matters to which this report relates may otherwise lawfully be communicated or caused to be communicated (all such persons together being referred to as "relevant persons"). This report is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this report relates is available only to relevant persons and will be engaged in only with relevant persons.

Additional disclosure only for Canadian persons: This report is not, and under no circumstances is to be construed as, an advertisement or a public offering of the securities described herein in Canada or any province or territory thereof. Under no circumstances is this report to be construed as an offer to sell securities or as a solicitation of an offer to buy securities in any jurisdiction of Canada. Any offer or sale of the securities described herein in Canada will be made only under an exemption from the requirements to file a prospectus with the relevant Canadian securities regulators and only by a dealer properly registered under applicable securities laws or, alternatively, pursuant to an exemption from the registration requirement in the relevant province or territory of Canada in which such offer or sale is made. This report is not, and under no circumstances is it to be construed as, a prospectus or an offering memorandum. No securities commission or similar regulatory authority in Canada has reviewed or in any way passed upon these materials, the information contained herein or the merits of the securities described herein and any representation to the contrary is an offence. If you are located in Canada, this report has been made available to you based on your representation that you are an "accredited investor" as such term is defined in National Instrument 45-106 Prospectus Exemptions and a "permitted client" as such term is defined in National Instrument 31-103 Registration Requirements, Exemptions and Ongoing Registrant Obligations. Under no circumstances is the information contained herein to be construed as investment advice in any province or territory of Canada nor should it be construed as being tailored to the needs of the recipient. Canadian recipients are advised that JM Financial Securities, Inc., JM Financial Institutional Securities Limited, their affiliates and authorized agents are not responsible for, nor do they accept, any liability whatsoever for any direct or consequential lo