Britannia Industries | BUY

On expected lines

Britannia's Dec-Q earnings were broadly inline with our estimates with a tad better-thanexpected topline, though still soft. Volumes grew c.5% with pricing down 2-2.5% yoy during the quarter after the steep pricing growth seen from end-FY22 to early-FY24. Management commented that demand scenario is progressively recovering, but rural demand was generally subdued and challenges relating to heightened competition remained. Gross margin continued to expand well and surprised positively again (50bps beat vs our forecast) up yoy and also qoq despite the price-cuts undertaken during the quarter - a rather benign input-costs environment helped in this regard. Staff costs were significantly above recent runrate but the impact from the same was partly offset by very well-controlled 'Other Expenses' which rose just 1.4% - likely helped by some rationalisation in ad-spends as well. We expect Britannia's topline and profit growth to remain soft over the near-term.

- Revenue performance tad better than expected; market context remains challenging: Britannia's 3QFY24 consolidated sales grew 2.2% to INR 41.9bn while EBITDA and adjusted net profit were broadly flattish at INR 8.2bn and INR 5.6bn respectively. Standalone sales growth was tad higher at 3.1% - likely helped by some re-classification with some part of Dairy sales moving to the standalone entity; on the other hand, consolidated figures have some impact of the Cheese business now being accounted as 'share of profits from JV and associates' vs a line-by-line consolidation earlier. Revenue for the quarter was a tad better than we expected - with volume growth of c.5% vs our forecast of 4% - Britannia's 4yr volume CAGR has been in the 4-4.5% ballpark over the past three quarters. Volume growth for the quarter was offset by lower realisations down 2-2.5% yoy - owing to anniversarisation plus some reversals of the steep pricehikes taken during FY23 - these were necessary to improve price-value equation given higher competitive intensity in the space; management had earlier alluded to pricingactivity by competition in certain categories in response to which the company did some strategic pricing corrections in some of its key brands and SKUs. While rural demand remained subdued, Britannia's focus markets outperformed other regions led by its initiatives around expanding direct reach in these markets.
- Better gross margin delivery and strong control on overheads helped profitability performance: Britannia's gross margin performance surprised positively yet again consolidated gross margin expanded 66bps yoy to 43% (50bps higher vs our expectation), led by softer input-costs environment (palm-oil, laminates). Interestingly, gross margin expanded by a further 94bps qoq despite price-corrections of c.2-2.5% taken to help improve price-value equation given the rise in competitive intensity in the space. Steep rise in staff costs (11% higher yoy and 24% higher qoq) was a surprise but impact of the same was offset by better gross margin and savings in Other Expenses which grew by just 1.4% yoy (2.4% lower qoq) possibly helped by some rationalisation in A&P spends as well. Other operating income was 32% lower yoy as base quarter benefitted from bunched-up PLI incentives. As a result, reported EBITDA margin was 35bps lower yoy at 19.6% (vs JMFe:19.8%); on an intrinsic basis, however, margin was c.51bps higher vs year-ago level, as per our workings.

JM FINANCIAL

Mehul Desai mehul.desai@jmfl.com | Tel: (91 22) 66303065

Sumanyu Saraf sumanyu.saraf@jmfl.com | Tel: (91 22) 66303077

Recommendation and Price Target	
Current Reco.	BUY
Previous Reco.	BUY
Current Price Target (12M)	5,380
Upside/(Downside)	7.4%
Previous Price Target	5,190
Change	3.7%

Key Data – BRIT IN Current Market Price INR5,007		
Current Market Price INR5,007	Key Data – BRIT IN	
	Current Market Price	INR5,007
Market cap (bn) INR1,206.0/US\$14.5	Market cap (bn)	INR1,206.0/US\$14.5
Free Float 42%	Free Float	42%
Shares in issue (mn) 240.0	Shares in issue (mn)	240.0
Diluted share (mn) 240.9	Diluted share (mn)	240.9
3-mon avg daily val (mn) INR1,538.4/US\$18.5	3-mon avg daily val (mn)	INR1,538.4/US\$18.5
52-week range 5,386/4,153	52-week range	5,386/4,153
Sensex/Nifty 72,186/21,929	Sensex/Nifty	72,186/21,929
INR/US\$ 83.1	INR/US\$	83.1

Price Performance			
%	1M	6M	12M
Absolute	-5.0	4.3	8.2
Relative*	-5.2	-5.0	-9.3

* To the BSE Sensex

Financial Summary					(INR mn)
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
Net Sales	139,447	159,849	166,012	180,096	198,313
Sales Growth (%)	8.2	14.6	3.9	8.5	10.1
EBITDA	22,015	28,309	32,022	34,292	38,625
EBITDA Margin (%)	15.6	17.4	19.0	18.8	19.2
Adjusted Net Profit	15,255	19,462	21,986	23,709	27,004
Diluted EPS (INR)	63.3	80.8	91.3	98.4	112.1
Diluted EPS Growth (%)	-18.2	27.6	13.0	7.8	13.9
ROIC (%)	74.1	87.2	85.3	84.2	93.9
ROE (%)	50.0	63.9	58.4	55.1	53.2
P/E (x)	79.1	62.0	54.9	50.9	44.7
P/B (x)	47.2	34.1	30.2	26.2	21.8
EV/EBITDA (x)	54.7	42.2	37.3	34.6	30.5
Dividend Yield (%)	1.4	1.4	1.5	1.5	1.7

Source: Company data, JM Financial. Note: Valuations as of 06/Feb/2024

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.

Exhibit 1. 3QFY24 result snapshot – Overall	performance l	argely inline	with our	expectations			(INI	R mn)
· ·	CONSOLIDATED	FINANCIALS			P.A	RENT COMPA	NY	
	3QFY24	3QFY23	YoY growth	3QFY24E	% var	3QFY24	3QFY23	YoY growth
Net Sales	41,918	41,015	2.2%	41,568	0.8%	40,314	39,114	3.1%
Other Operating Income	645	953	-32.3%	850	-24.1%	710	998	-28.9%
Gross Profit	18,028	17,368	3.8%	18,520	-2.7%	17,341	16,922	2.5%
Gross Profit Margin - % of Net Sales	43.0%	42.3%	66 bps	42.5%	50 bps	41.3%	40.7%	54 bps
Staff Cost	1,985	1,782	11.3%	1,600	24.0%	1,632	1,415	15.3%
Other Expenses	8,477	8,363	1.4%	8,683	-2.4%	7,781	7,609	2.3%
EBITDA	8,211	8,176	0.4%	8,237	-0.3%	7,929	7,898	0.4%
EBITDA margin - % of Net Sales	19.6%	19.9%	-35 bps	19.8%	-23 bps	19.7%	20.2%	-53 bps
Depreciation	781	580	34.7%	727	7.3%	707	500	41.4%
EBIT	7,430	7,596	-2.2%	7,510	-1.1%	7,222	7,398	-2.4%
Interest Expense	311	381	-18.5%	450	-30.9%	292	354	-17.5%
Other Income	506	508	-0.4%	540	-6.4%	496	484	2.5%
PBT before exceptional items	7,625	7,722	-1.3%	7,600	0.3%	7,425	7,528	-1.4%
PBT after exceptional items	7,596	11,478	-33.8%	7,600	-0.1%	7,396	9,806	-24.6%
Reported Net Profit	5,564	9,324	-40.3%	5,645	-1.4%	5,384	7,669	-29.8%
Adjusted Net Profit	5,586	5,568	0.3%	5,645	-1.1%	5,405	5,392	0.2%

Source: Company, JM Financial

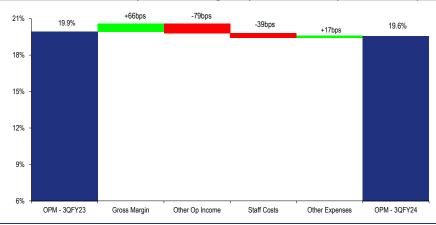
Exhibit 2. Costs breakdown (%)							
	CONSOLIDATED FINANCIALS PARENT COMPANY						
% of sales	3QFY24	3QFY23	3QFY24E	3QFY24	3QFY23		
Cost of Goods Sold	57.0%	57.7%	57.5%	58.7%	59.3%		
Staff Cost	4.7%	4.3%	3.9%	4.0%	3.6%		
Other Expenses	20.2%	20.4%	20.9%	19.3%	19.5%		
Depreciation	1.9%	1.4%	1.8%	1.8%	1.3%		

Source: Company, JM Financial

Exhibit 3. Subsidiaries performance snapshot – subsidiaries' financials remained impacted due to Cheese getting accounted as 'share of profits from JV'. As per management, international business performed well with double-digit growths across key markets (INR mn)									
Subsidiaries	4QFY22	1QFY23	2QFY23	3QFY23	4QFY23	1QFY24	2QFY24	3QFY24	YoY
Sales (incl excise)	2,186	1,834	1,929	1,901	1,333	1,456	1,502	1,604	-15.6%
YoY	20%	8%	5%	-6%	-39%	-21%	-22%	-16%	
Gross Profit	1,303	1,403	1,461	1,444	1,332	1,309	1,375	1,396	-3.3%
% GPM	59.6%	76.5%	75.7%	75.9%	99.9%	89.9%	91.6%	87.0%	
EBITDA	276	309	243	278	62	223	315	282	1.7%
% OPM	12.6%	16.8%	12.6%	14.6%	4.7%	15.3%	21.0%	17.6%	
YoY	57%	3%	-11%	2%	-78%	-28%	29%	2%	
PAT	-336	158	7	1,655	5	145	171	180	-89.1%

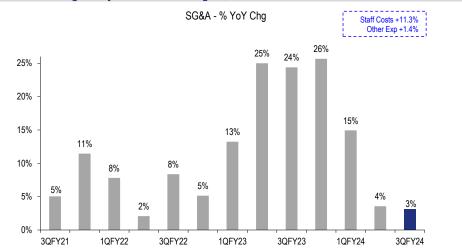
Source: Company, JM Financial

Exhibit 4. Drop in other op income and higher staff costs were partially offset by GPM expansion and lower other expenses, resulting in reported OPM compression of 35bps



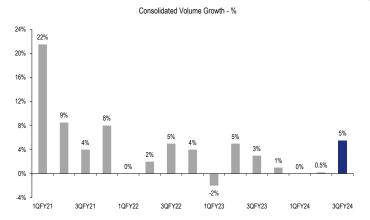
Source: Company, JM Financial

Exhibit 5. SG&A grew by 3% overall during 3Q



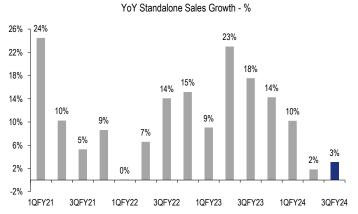
Source: Company, JM Financial

Exhibit 6. Volumes improved to mid-single-digit during the quarter



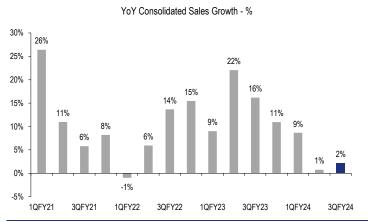
Source: Company, JM Financial

Exhibit 7. Standalone sales grew 3% yoy



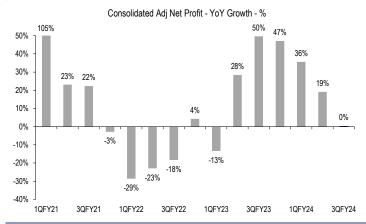
Source: Company, JM Financial

Exhibit 8. Consolidated sales growth was fairly muted at 2% with mid-single-digit volume growth offset by lower pricing



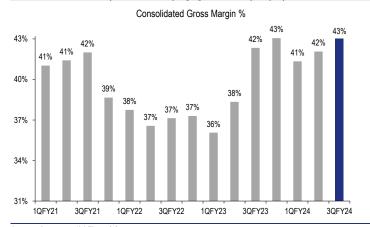
Source: Company, JM Financial

Exhibit 9. Bottomline was flat during the quarter



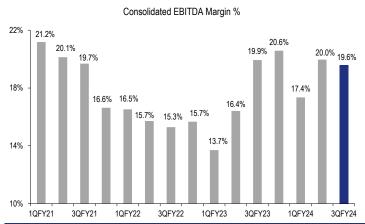
Source: Company, JM Financial

Exhibit 10. GPM expanded 66bps yoy and 94bps qoq



Source: Company, JM Financial

Exhibit 11. Reported EBITDA margin down 35bps yoy but c.50bps higher on intrinsic basis



Source: Company, JM Financial

Exhibit 12. Britannia one-year forward PE



Source: Company, Bloomberg, JM Financial

Balance Sheet

Year-ended March

Reserves & Surplus Preference Share Capital

Def. Tax Liab / Assets (-)

Total - Equity & Liab

Gross Fixed Assets

Less: Depn. & Amort.

Capital WIP & Net lease assets

Intangible Assets

Shareholders' Fund

Share capital

Minority Interest

Net Fixed Assets

Investments Current Assets

Inventories

Sundry Debtors

Cash & Bank Balances

Loans & Advances

Other Current Assets

Current Liab. & Prov.

Current Liabilities

Net Current Assets

Provisions & Others

Application of Funds

Total Loans

Financial Tables (Consolidated)

Profit & Loss Statement					(INR mn)
Year-ended March	FY22A	FY23A	FY24E	FY25E	FY26E
Sales (net of taxes)	139,447	159,849	166,012	180,096	198,313
Sales Growth	8.2%	14.6%	3.9%	8.5%	10.1%
Other Operating Income	1,916	3,157	2,560	2,777	3,058
Total Revenue	141,363	163,006	168,572	182,873	201,372
Cost of Goods Sold/Op. Exp.	87,603	95,913	95,546	104,480	114,874
Personnel cost	5,423	6,584	7,305	7,888	8,587
Other expenses	26,322	32,200	33,699	36,212	39,286
EBITDA	22,015	28,309	32,022	34,292	38,625
EBITDA (%)	15.6%	17.4%	19.0%	18.8%	19.2%
EBITDA Growth (%)	-12.3%	28.6%	13.1%	7.1%	12.6%
Depn & Amort	2,005	2,259	2,980	3,241	3,570
EBIT	20,010	26,050	29,041	31,052	35,055
Other Income	2,228	2,159	2,303	2,083	2,225
Finance Cost	1,443	1,691	1,730	1,286	982
PBT before Excep & Forex	20,795	26,518	29,614	31,848	36,298
Excep & forex Inc/Loss(-)	-10	3,756	0	0	0
PBT	20,785	30,274	29,614	31,848	36,298
Taxes	5,624	7,165	7,702	8,283	9,440
Extraordinary Inc/Loss(-)	0	0	0	0	0
Assoc. Profit/Min. Int.(-)	86	109	74	144	146
Reported Net profit	15,248	23,218	21,986	23,709	27,004
Adjusted Net Profit	15,255	19,462	21,986	23,709	27,004
Net Margin (%)	10.9%	12.2%	13.2%	13.2%	13.6%
Diluted share capital (mn)	240.9	240.9	240.9	240.9	240.9
Diluted EPS (Rs)	63.3	80.8	91.3	98.4	112.1
Diluted EPS Growth	-18.2%	27.6%	13.0%	7.8%	13.9%
Total Dividend + Tax	16,622	17,345	17,589	17,782	20,253
Dividend Per Share (Rs)	69.0	72.0	73.0	73.8	84.1

.8%	13.9%	Source:	Company,	JIVI	Financia

Cash Flow Statement					(INR mn)
Year-ended March	FY22A	FY23A	FY24E	FY25E	FY26E
Profit before Tax	20,785	30,274	29,614	31,848	36,298
Depn. & Amort.	2,005	2,259	2,980	3,241	3,570
Net Interest Exp. / Inc. (-)	-785	-468	-573	-796	-1,243
Inc (-) / Dec in WCap.	-3,273	4,057	-935	1,440	892
Others	131	-3,602	0	0	0
Taxes Paid	-5,869	-7,258	-7,586	-8,146	-9,238
Operating Cash Flow	12,995	25,262	23,500	27,586	30,278
Capex	-5,470	-6,330	-6,845	-4,283	-5,850
Free Cash Flow	7,525	18,932	16,655	23,303	24,428
-Inc/dec in investments	10,480	-10,249	10,086	4,539	-1,286
Other current assets	4,099	1,408	2,333	2,203	2,384
Investing Cash Flow	9,109	-15,171	5,573	2,459	-4,752
Inc/(dec) in capital	0	0	0	0	0
Dividend+Tax Thereon	-24,849	-13,592	-17,345	-17,589	-17,782
Inc/dec in loans	3,599	5,182	-4,470	-9,739	0
Other assets	-1,208	-1,874	-1,725	-1,282	-977
Financing Cash Flow	-22,458	-10,284	-23,540	-28,609	-18,759
Inc / Dec (-) in Cash	-354	-192	5,533	1,435	6,767
Opening cash balance	2,203	2,172	1,980	7,513	8,948
Closing cash balance	1,849	1,980	7,513	8,948	15,716

Source: Company, JM Fina	ncial	

Source: Company, JM Financial

Dupont Analysis					
Y/E March	FY22A	FY23A	FY24E	FY25E	FY26E
Net Margin	10.9%	12.2%	13.2%	13.2%	13.6%
Asset Turnover (x)	2.6	2.8	2.6	2.8	3.0
Leverage Factor (x)	1.8	1.9	1.7	1.5	1.3
RoE	50.0%	63.9%	58.4%	55.1%	53.2%
Key Ratios					
Year-ended March	FY22A	FY23A	FY24E	FY25E	FY26E
BV/Share (INR)	106.2	146.7	166.0	191.4	229.7
ROIC (%)	74.1%	87.2%	85.3%	84.2%	93.9%
ROE (%)	50.0%	63.9%	58.4%	55.1%	53.2%
Net Debt-equity ratio (x)	0.3	0.6	0.0	-0.1	-0.2
PER	79.1	62.0	54.9	50.9	44.7
PBV	47.2	34.1	30.2	26.2	21.8
EV/EBITDA	54.7	42.2	37.3	34.6	30.5
EV/Net Sales	8.6	7.5	7.2	6.6	5.9
Debtor days	9	8	7	7	7
Inventory days	36	27	30	29	28
Creditor days	17	16	18	17	17

FY22A

25,581

25,340

24,655

50,003

22,732

28,073

1,396

11,937

5,201

25,604

26,265

13,675

3.319

1,849

5,048

2,374

24,598

19,001

5,597

1,667

50,003

-509

241

Ω

275

FY23A

35.343

35,102

29,805

64,896

27,434

40,183

1,282

14,926

40.342

25,010

11,933

3,289

1,980

5,192

2,617

27,890

21,815

6,075

-2,880

64,896

895

-554

241

Ω

302

FY24E

39.984

39,743

241

Ω

258

25,336

65,101

31,294

45,578

1,282

17,907

2,341

30.257

32,600

13,645

3,303

7,513

5,392

2,747

29,050

22,489

6,561

3,549

65,101

-478

Source: Company, JM Financial

(INR mn)

FY26E

55,326

55,085

15,597

70,869

34,608

57,012

1,282

24,717

1,032

27.004

44,208

15,213

3.809

15,716

6,441

3,029

34,951

27,250

7,701

9,257

70,869

-302

241

Ω

248

FY25E

46,105

45,864

15,597

61,541

32,332

51,161

1,282

21,147

1,036

25,718

35,451

14,309

3.459

8,948

5,849

2,885

31,960

24,878

7,082

3,491

61,541

241

0

235

-396

History of Recommendation and Target Price				
Date	Recommendation	Target Price	% Chg.	
2-Jun-20	Buy	3,500		
8-Jul-20	Buy	3,490	-0.3	
17-Jul-20	Buy	3,870	10.9	
8-Oct-20	Buy	3,870	0.0	
19-Oct-20	Buy	3,970	2.6	
1-Jan-21	Buy	4,105	3.4	
5-Feb-21	Buy	4,095	-0.2	
27-Apr-21	Buy	4,095	0.0	
31-Jul-21	Buy	3,830	-6.5	
8-Nov-21	Buy	3,980	3.9	
29-Jan-22	Buy	3,850	-3.3	
3-May-22	Buy	3,850	0.0	
5-Aug-22	Buy	4,120	7.0	
7-Oct-22	Buy	4,200	1.9	
5-Nov-22	Buy	4,210	0.2	
1-Feb-23	Buy	4,620	9.7	
6-May-23	Buy	5,190	12.3	
4-Aug-23	Buy	5,270	1.5	
2-Nov-23	Buy	4,925	-6.5	
8-Jan-24	Buy	5,190	5.4	



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 - INH00000610

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 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 loss arising from any use of this research report or the information contained herein.