

Dr Reddys Laboratories | BUY

Ex-US strength drives 2Q; Sema to fuel future growth

Dr. Reddy's (DRRD) reported healthy 2Q results with Revenue/EBITDA/PAT growth of +10%/-4%/+9% YoY, slightly below street expectations (+1%/-5%/+1%). The EBITDA miss was due to a 492 bps YoY rise in SG&A expenses from investments in the acquired NRT business, branded generics, a one-time INR 700 mn VAT provision, and charges for a discontinued product. US revenue declined 13% YoY from gRevlimed price erosion, while India grew 13% on better pricing, volumes, and Stugeron acquisition benefits. Europe surged 139% YoY, driven by the NRT portfolio and new launches, while emerging markets rose 14%, led by strong growth in Russia (+28% YoY). PSAL grew 12% YoY. Future growth will be driven by double-digit expansion in ex-US markets from the NRT business, biosimilar launches in the EU, and strong India growth. Additional upside is expected from gSemaglutide pen sales (12 mn in CY26, 15 mn in CY27) and pipeline products like Abatacept. While lower gRevlimid sales may weigh post-FY26, DRRD is well positioned to benefit from the upcoming generic GLP-1 wave. Overall the stock remains attractive, and we maintain our BUY rating with a target price of INR 1,522.

- **US – Price erosion and lower Lenalidomide sales underpin growth decline:** The generics segment in the US experienced tightness due to product-specific price erosion and lower Lenalidomide sales. Approximately five products faced heightened competition and subsequent price reductions, impacting overall performance in this market. The company however has continued to engage in strategic efforts, including new product launches like Sacubitril Valsartan and Fluorouracil Cream, to drive growth. Management has also expressed uncertainty regarding the future of biologics in the US market on account of US tariffs outcome when it comes, and signalled that a backup plan may be needed.
- **Europe - NRT business drives overall growth, momentum to continue with biosimilars launches:** The performance in this region has largely been driven by the contribution from the NRT portfolio and new product launches. This strategic focus on expanding product offerings and tapping into high-demand therapeutic areas is expected to continue driving growth in the coming periods. The growth in the European market is also expected to be supported by the integration of the acquired NRT business, along with the leveraging of the generics portfolio and the launch of biosimilars.
- **India - Price and volume driven growth; upgraded to 9th position in IPM:** Growth in 2Q has been driven by a combination of better pricing and increased volumes, along with inorganic growth from the acquisition of Stugeron. Price improvements contributed around 5% to the overall growth, with the remaining growth driven by volume increases and the successful launch of new products. As per IQVIA, the company has moved up to the 9th position in the Indian pharmaceutical market, reflected by a 9.4% YoY growth. Growth in India is expected to continue at the current pace, maintaining its momentum.
- **Rituximab – confident of approvals, to drive EU growth:** Management is confident that Rituximab will receive approval, although the USFDA has issued a Complete Response Letter (CRL) concerning unresolved observations related to the Biologics License Application (BLA). If issues with the first fill and finish line (FFM1) persist, the company may consider shifting the product manufacturing to FFM2. Rituximab is recognized as one of the key biosimilars that is expected to contribute significantly to future growth in the European market, alongside other biosimilars like Denosumab and Bibasubovam.



Amey Chalke

amey.chalke@jmfl.com | Tel: (91 22) 66303056

Abin Benny

abin.benny@jmfl.com | Tel: (91 22) 69703621

We acknowledge the support of Gourav Bhama (gourav.bhama@jmfl.com) in preparation of this report.

Recommendation and Price Target

Current Reco.	BUY
Previous Reco.	BUY
Current Price Target (12M)	1,522
Upside/(Downside)	18.6%
Previous Price Target	1,521
Change	0.1%

Key Data – DRRD IN

Current Market Price	INR1,284
Market cap (bn)	INR1,071.3/US\$12.2
Free Float	72%
Shares in issue (mn)	834.4
Diluted share (mn)	834.4
3-mon avg daily val (mn)	INR2,223.0/US\$25.3
52-week range	1,406/1,020
Sensex/Nifty	84,212/25,795
INR/US\$	87.9

Price Performance

%	1M	6M	12M
Absolute	-1.1	6.9	-2.5
Relative*	-4.0	1.3	-7.3

* To the BSE Sensex

Financial Summary

(INR mn)

Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Net Sales	2,79,164	3,25,534	3,42,183	3,66,000	4,09,293
Sales Growth (%)	13.5	16.6	5.1	7.0	11.8
EBITDA	82,587	90,593	82,124	90,768	1,03,551
EBITDA Margin (%)	29.6	27.8	24.0	24.8	25.3
Adjusted Net Profit	33,371	27,445	32,720	37,157	38,818
Diluted EPS (INR)	40.0	32.9	39.2	44.5	46.5
Diluted EPS Growth (%)	-5.6	-17.8	19.2	13.6	4.5
ROIC (%)	20.0	16.4	12.5	13.4	15.1
ROE (%)	13.0	8.9	9.5	10.0	9.6
P/E (x)	32.1	39.0	32.7	28.8	27.6
P/B (x)	3.8	3.2	3.0	2.8	2.5
EV/EBITDA (x)	13.1	12.2	13.4	12.0	10.2
Dividend Yield (%)	0.0	0.0	0.0	0.0	0.0

Source: Company data, JM Financial. Note: Valuations as of 24/Oct/2025

JM Financial Research is also available on: Bloomberg - JMFR <GO>, FactSet, LSEG and S&P Capital IQ.

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

- **gSemaglutide – eyeing 12mn pen sales and global expansion in 87 countries:** The company is anticipating feedback from Health Canada in the coming weeks and is confident about selling the planned 12mn pens for Semaglutide. However, if approval or favorable pricing is not secured in Canada, the volume will be absorbed by launches in 87 other countries, including key markets like India, Brazil, and Turkey, along with B2B partnerships. In India, while the company can produce and export the product, the launch is currently constrained until March 2026. Looking ahead, sales volume for Semaglutide is projected to increase to at least 15 million units by CY27. The internal capacity expansion, with two cartridge lines at FTO-11, will not affect launches in the next 12 months but will become relevant for future launches, potentially supporting up to 50mn units. The peptide capacity, currently built up to 800 kg, is small but is expected to grow as it meets the demand for Semaglutide, Liraglutide, and 40 other identified peptides.
- **Abatacept (IV) – approvals by CY27, US CMO to aid manufacturing:** The BLA submission for the IV version of Abatacept is scheduled for the end of December 2025, with the Phase 3 trial expected to be completed soon. Approval for the IV version is anticipated to align with the patent expiry, projected for early CY27. To support production, the company plans to utilize a CMO located in the US, in addition to the capacity already built at the Bachupally facility. The CMO will eventually undergo a technology transfer from Bachupally. Meanwhile, approval for the Sub Q version of Abatacept is expected at the beginning of 2028.
- **Other financial details:**
 - SG&A spend increased by focused investments in the acquired NRT consumer healthcare business and in branded generics
 - SG&A included a one-time provision of INR700mn for a VAT liability in one subsidiary and charges related to a discontinued pipeline product
 - R&D spend declined 15% YoY due to reduced development spends on biosimilars as major investments for Abatacept have already been completed
 - Other operating income was significantly higher due to product-related IP settlement income in the United States and a one-time reversal of INR880mn in liabilities related to the discontinuation of a pipeline product
 - An impairment charge of INR660mn was recorded, including INR540 mn for PPE at the Middleburgh facility following the discontinuation of the pipeline product conjugated estrogen
 - ETR was lower primarily due to a favorable jurisdictional mix
 - The company has a net cash surplus of USD 310mn as of Sep-25
 - During 2Q it completed filing 43 global generics
- **Other Guidance:**
 - SG&A spend is expected to be in the zone of 28% to 30%
 - R&D spend will likely stay in the range of 7% of sales
 - The overall pipeline consists of about 100 products, of which approximately 20 are considered complex generics

Exhibit 1. 2QFY26 Review

Dr. Reddy's P&L (INR mn)	Q2 FY25	Q2 FY26A	% YoY	Q2 FY26E	% Delta vs JMFe	2QFY26E (cons.)	% Delta vs cons	Q1 FY26A	% QoQ
Net Sales	80,162	88,051	10%	82,376	7%	87,062	1%	85,452	3%
Cost of goods sold	32,393	39,911	23%	37,500	6%			36,825	8%
Gross Profit	47,769	48,140	1%	44,876	7%			48,627	
% Margin	60%	55%	-492 bps	54%	-20 bps			57%	
SG&A (excl. amort)	19,032	21,385	12%	20,750	3%			20,882	2%
R&D	7,271	6,202	-15%	6,050	3%			6,244	-1%
Impairment charges	-924	0		0				0	
EBITDA	21466	20553	-4%	18076	14%	21,577	-5%	21,501	-4%
% Margin	26.8%	23.3%	-344 bps	21.9%	-140 bps	24.8%	-144 bps	25.2%	
D&A	3,975	5,051	27%	4,700	7%			4,765	6%
Other Income/(Expenses)	-984	-2,673	172%	-700				-739	262%
Net Finance Expense/(Income)	(1555)	(774)		(2352)				(1570)	
Profit Before Tax	19,167	19,012	-1%	16,443				19,047	0%
Tax	5752	4082		6000				4951	
% Tax rate									
Extraordinary (income)/ expense	693	0		0				0	
Minority Interest	862	(104)		-66				-82	
Adj. Net Profit	13246	14,372	9%	10509	37%	14,299	1%	14178	1%
% Net Profit Margin	16.5%	16.3%		12.8%				16.6%	
% Cost Ratios	Q2 FY25	Q2 FY26A	% YoY	Q2 FY26E	% Delta vs JMFe	2QFY26E (cons.)	% Delta vs cons	Q1 FY26E	% QoQ
COGS	40.4	45.3	492 bps	45.5	-20 bps			43.1	223 bps
SG&A	23.7	24.3	55 bps	25.2	-90 bps			24.4	-15 bps
R&D	9.1	7.0	-203 bps	7.3	-30 bps			7.3	-26 bps
Sales Break-up	Q2 FY25	Q2 FY26A	% YoY	Q2 FY26E	% Delta vs JMFe	2QFY26E (cons.)	% Delta vs cons	Q1 FY26E	% QoQ
Global Generics	71,576	78,498	10%	73,875	6%			75,620	4%
North America	37,281	32,408	-13%	32,452	0%			34,123	-5%
Europe	5,770	13,762	139%	11,956	15%			12,744	8%
India	13,971	15,780	13%	14,949	6%			14,711	7%
EM	14,554	16,548	14%	14,518	14%			14,042	
PSAI	8,407	9,450	12%	8,369	13%			8,181	16%
Prop products and Others	179	103	-42%	132	-22%			1,651	-94%

Source: Company, JM Financial

Exhibit 2. The stock is available at attractive valuations



Source: Bloomberg, JM Financial

Financial Tables (Consolidated)

Income Statement (INR mn)					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Net Sales	2,79,164	3,25,534	3,42,183	3,66,000	4,09,293
Sales Growth	13.5%	16.6%	5.1%	7.0%	11.8%
Other Operating Income	0	0	0	0	0
Total Revenue	2,79,164	3,25,534	3,42,183	3,66,000	4,09,293
Cost of Goods Sold/Op. Exp	1,15,557	1,35,107	1,53,298	1,61,040	1,80,089
Personnel Cost	0	0	0	0	0
Other Expenses	81,020	99,834	1,06,761	1,14,192	1,25,653
EBITDA	82,587	90,593	82,124	90,768	1,03,551
EBITDA Margin	29.6%	27.8%	24.0%	24.8%	25.3%
EBITDA Growth	17.2%	9.7%	-9.3%	10.5%	14.1%
Depn. & Amort.	14,858	18,751	19,504	20,496	21,693
EBIT	67,729	71,842	62,620	70,272	81,859
Other Income	5,705	7,553	6,000	6,500	7,000
Finance Cost	1,711	2,829	2,649	1,239	1,044
PBT before Excep. & Forex	71,723	76,566	65,970	75,533	87,814
Excep. & Forex Inc./Loss(-)	0	0	0	0	0
PBT	71,723	76,566	65,970	75,533	87,814
Taxes	16,186	19,539	17,165	19,653	22,847
Extraordinary Inc./Loss(-)	0	0	0	0	0
Assoc. Profit/Min. Int.(-)	147	918	648	740	857
Reported Net Profit	55,684	56,543	48,257	55,250	64,231
Adjusted Net Profit	33,371	27,445	32,720	37,157	38,818
Net Margin	12.0%	8.4%	9.6%	10.2%	9.5%
Diluted Share Cap. (mn)	834.4	834.4	834.4	834.4	834.4
Diluted EPS (INR)	40.0	32.9	39.2	44.5	46.5
Diluted EPS Growth	-5.6%	-17.8%	19.2%	13.6%	4.5%
Total Dividend + Tax	0	0	0	0	0
Dividend Per Share (INR)	0.0	0.0	0.0	0.0	0.0

Source: Company, JM Financial

Cash Flow Statement (INR mn)					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Profit before Tax	71,870	76,783	66,020	75,588	87,875
Depn. & Amort.	14,841	17,058	19,504	20,496	21,693
Net Interest Exp. / Inc. (-)	-567	152	2,649	1,239	1,044
Inc (-) / Dec in WCap.	-20,182	-29,989	-1,077	-13,858	-14,689
Others	-482	2,417	0	0	0
Taxes Paid	-20,047	-19,993	-17,080	-19,568	-22,762
Operating Cash Flow	45,433	46,428	70,017	63,898	73,160
Capex	-27,435	-34,398	-28,000	-21,001	-11,000
Free Cash Flow	17,998	12,030	42,017	42,897	62,160
Inc (-) / Dec in Investments	-15,704	25,118	-4,325	-4,758	-5,234
Others	2,856	-41,741	0	0	0
Investing Cash Flow	-40,283	-51,021	-32,325	-25,759	-16,234
Inc / Dec (-) in Capital	805	-1,196	0	0	0
Dividend + Tax thereon	-6,648	-6,662	-25,382	-25,382	-25,382
Inc / Dec (-) in Loans	4,346	23,196	-5,500	-5,500	-10,500
Others	-2,266	-3,483	-2,197	-733	-538
Financing Cash Flow	-3,763	11,855	-33,079	-31,615	-36,420
Inc / Dec (-) in Cash	1,387	7,262	4,612	6,523	20,506
Opening Cash Balance	5,779	7,107	14,654	19,205	25,728
Closing Cash Balance	7,107	14,593	19,266	25,728	46,234

Source: Company, JM Financial

Balance Sheet (INR mn)					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Shareholders' Fund	2,80,550	3,33,388	3,56,263	3,86,131	4,24,980
Share Capital	833	833	833	833	833
Reserves & Surplus	2,79,717	3,32,555	3,55,430	3,85,298	4,24,147
Preference Share Capital	0	0	0	0	0
Minority Interest	0	3,778	4,376	5,061	5,858
Total Loans	20,020	46,766	41,266	35,766	25,266
Def. Tax Liab. / Assets (-)	-13,583	-6,221	-6,221	-6,221	-6,221
Total - Equity & Liab.	2,86,987	3,77,711	3,95,684	4,20,737	4,49,882
Net Fixed Assets	1,18,090	2,06,373	2,14,870	2,15,375	2,04,682
Gross Fixed Assets	1,76,093	2,10,093	2,37,093	2,57,093	2,67,093
Intangible Assets	41,204	1,08,613	1,09,613	1,10,613	1,11,613
Less: Depn. & Amort.	1,03,707	1,16,833	1,36,337	1,56,833	1,78,526
Capital WIP	4,500	4,500	4,501	4,502	4,502
Investments	4,196	4,811	4,811	4,811	4,811
Current Assets	2,50,740	2,61,476	2,81,801	3,10,712	3,63,719
Inventories	63,552	71,085	72,050	75,689	84,642
Sundry Debtors	80,298	90,420	1,01,381	1,08,438	1,21,264
Cash & Bank Balances	7,107	14,654	19,205	25,728	46,234
Loans & Advances	0	0	0	0	0
Other Current Assets	99,783	85,317	89,164	1,00,857	1,11,578
Current Liab. & Prov.	86,039	94,949	1,05,798	1,10,160	1,23,329
Current Liabilities	34,888	38,826	43,431	45,581	50,694
Provisions & Others	51,151	56,123	62,366	64,580	72,635
Net Current Assets	1,64,701	1,66,527	1,76,003	2,00,551	2,40,389
Total - Assets	2,86,987	3,77,711	3,95,684	4,20,737	4,49,882

Source: Company, JM Financial

Dupont Analysis					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
Net Margin	12.0%	8.4%	9.6%	10.2%	9.5%
Asset Turnover (x)	1.0	0.9	0.8	0.8	0.9
Leverage Factor (x)	1.1	1.2	1.2	1.2	1.1
RoE	13.0%	8.9%	9.5%	10.0%	9.6%

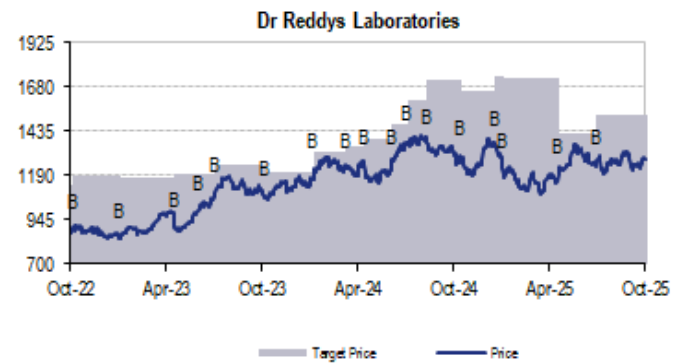
Key Ratios					
Y/E March	FY24A	FY25A	FY26E	FY27E	FY28E
BV/Share (INR)	336.2	399.6	427.0	462.8	509.3
ROIC	20.0%	16.4%	12.5%	13.4%	15.1%
ROE	13.0%	8.9%	9.5%	10.0%	9.6%
Net Debt/Equity (x)	0.0	0.1	0.1	0.0	0.0
P/E (x)	32.1	39.0	32.7	28.8	27.6
P/B (x)	3.8	3.2	3.0	2.8	2.5
EV/EBITDA (x)	13.1	12.2	13.4	12.0	10.2
EV/Sales (x)	3.9	3.4	3.2	3.0	2.6
Debtor days	105	101	108	108	108
Inventory days	83	80	77	75	75
Creditor days	57	55	56	56	56

Source: Company, JM Financial

History of Recommendation and Target Price

Date	Recommendation	Target Price	% Chg.
22-Jun-22	Buy	1,137	
28-Jul-22	Buy	1,137	0.0
29-Oct-22	Buy	1,192	4.8
26-Jan-23	Buy	1,178	-1.2
11-May-23	Buy	1,196	1.5
25-Jun-23	Buy	1,196	0.0
26-Jul-23	Buy	1,252	4.7
29-Oct-23	Buy	1,211	-3.3
31-Jan-24	Buy	1,317	8.8
31-Mar-24	Buy	1,356	3.0
7-May-24	Buy	1,387	2.3
27-Jun-24	Buy	1,478	6.6
28-Jul-24	Buy	1,602	8.4
4-Sep-24	Buy	1,713	6.9
6-Nov-24	Buy	1,655	-3.4
10-Jan-25	Buy	1,737	5.0
24-Jan-25	Buy	1,723	-0.8
12-May-25	Buy	1,418	-17.7
23-Jul-25	Buy	1,521	7.3

Recommendation History



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: jmfirancial.research@jmfl.com | www.jmfl.com

Compliance Officer: Ms. Ashley Johnson | Tel: +91 22 6224 1862 | Email: ashley.johnson@jmfl.com

Grievance Officer: Ms. Ashley Johnson | Tel: +91 22 6224 1862 | Email: instcompliance@jmfl.com

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

New Rating System: Definition of ratings	
Rating	Meaning
BUY	Expected return $\geq$ 15% over the next twelve months.
ADD	Expected return $\geq$ 5% and $<$ 15% over the next twelve months.
REDUCE	Expected return $\geq$ -10% and $<$ 5% over the next twelve months.
SELL	Expected return $<$ -10% over the next twelve months.

Note: For REITs (Real Estate Investment Trust) and InvIT (Infrastructure Investment Trust) total expected returns include dividends or DPU (distribution per unit)

Previous Rating System: 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. Please click [here](#) to access our detailed Terms and Conditions, including the Most Important Terms and Conditions.

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, 27th Floor, Office No. 2715, 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 loss arising from any use of this research report or the information contained herein.