Fermenta Biotech Limited (formerly known as DIL Limited) CIN: L99999MH1951PLC008485 Regd. Office: A - 1501, Thane One, DIL Complex, Ghodbunder Road, Majiwade, Thane (W) - 400 610, Maharashtra, India. Tel. : +91-22-6798 0888 Fax. : +91-22-6798 0899 Email : info@fermentabiotech.com, Website. : www.fermentabiotech.com



Ref: F.No.:49

August 27, 2021

Corporate Relations BSE Limited, Phiroze Jeejeebhoy Towers, Dalal Street, Fort, Mumbai – 400 001

Dear Sir,

Sub.: Intimation of Investor Relations Presentation – August 2021

Ref: Scrip Code: 506414

Pursuant to the relevant provisions of SEBI (Listing Obligations and Disclosure Requirements), Regulations 2015, we hereby enclose a copy of Investor Relations Presentation for August 2021 for your information.

The said Investor Presentation will thereafter be uploaded on Company's website at www.fermentabiotech.com

This information is submitted to you pursuant to Regulation 30 of the Securities and Exchange Board of India (Listing Obligations and Disclosure Requirements), Regulations, 2015.

Kindly take the same on records.

Thanking you,

Yours faithfully, for FERMENTA BIOTECH LIMITED [Formerly known as DIL LIMITED]

Srikant N Sharma Company Secretary CS Membership No: F3617 A-1501, Thane One, DIL Complex, Ghodbunder Road, Majiwade, Thane (W) 400610

Encl: As above

Factory : Village Takoli, P.O. Nagwain, Dist. Mandi - 175 121, Himachal Pradesh, India. Tel. : +91-1905-287246 / 48 / 49 Fax: +91-1905-287250 Email: info@fermentabiotech.com Website: www.fermentabiotech.com Factory : Z - 109 B & C, SEZ II, Dahej, Taluka - Vagara, Dist: Bharuch - 392 130, Gujarat, India. Tel. : +91-2641-291440 / 444 Email: info@fermentabiotech.com Website: www.fermentabiotech.com

FERMENTA BIOTECH LIMITED

fbl

Investor Presentation | August 2021

-1140

2Fe+502=2Te20







Only manufacturer of Vitamin D3 in India





Global Presence in 50+ countries



Proprietary technology to manufacture Vitamin D3



55 Years of Vitamin D3 manufacturing experience



2 Manufacturing Plants registered with US-FDA (FFRN)

DSIR approved R&D facility



12 new patents filed



Big 4 statutory auditor: Deloitte



Ö Ö Backward integrated

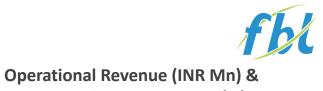


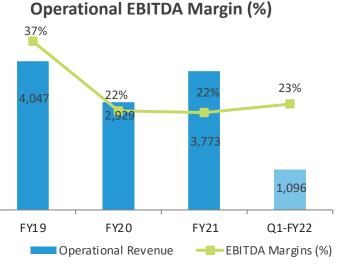
Company Overview

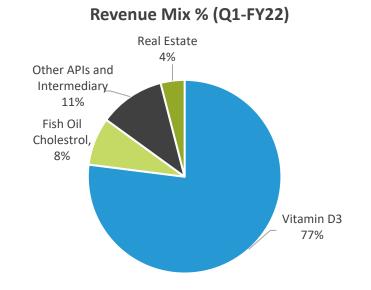
- Fermenta Biotech Limited (FBL) (Erstwhile DIL Ltd.) incorporated in 1951 by Dr. DVK Raju, is engaged in development and manufacturing of pharmaceuticals, biotechnology and environmental solutions used across various industries.
- On September 26, 2019, NCLT approved amalgamation of DIL & FBL which consolidated FBL's leadership capabilities backed by DIL's large asset base.
- With a rich history of seven decades FBL has evolved as a key global player in manufacturing of Vitamin D3 in all its formats and has a non-China dependent supply chain.
- FBL manufactures a range of Vitamin D3 variants having an optimal mix between human and animal feed products which have applications across multiple sectors like:

1. Pharmaceuticals	4. Animal feed
2. Dietary and nutritional supplements	5. Veterinary
3. Food and beverage fortification	6. Rodenticides

- The company is also involved in manufacturing of APIs for muscle relaxant and anti-flatulent applications.
- FBL delivers innovative enzymes used in manufacturing of active pharmaceutical ingredients and is involved in environmental solutions used for waste water treatment and management.
- The company also has legacy properties at Thane and Worli in Mumbai for which it realizes significant rental income.







Board Of Directors

Mr. Krishna Datla

Vice Chairman)

(Promoter & Executive



Mr. Sanjay Buch -Chairman (Independent Director)

- He holds a Bachelors **Degree in Economics** and Law and has over two decades of experience in wide spectrum of legal work.
- · Currently, he is partner at Crawford Bayley & Co.
- An advocate and solicitor, specializing in business restructuring, mergers and acquisitions and is a member of various committees of the Board of Directors of

the Company.



Mr. Satish Varma (Executive Director)

 In 1994, he joined the DIL group as A Commerce Graduate from the Executive Mumbai University Assistant to the having around 20 then Managing years of experience in Director. In this role he garnered the industry extensive A progressive thinker

responsible for the decision making process and overseeing new businesses. He has infused a strong sense of global vision thereby opening the opportunities across International markets.

operational, management and legal experience across the full scope of the company. In 2003 he joined the Board of Directors of FBL. In addition to his Executive Board duties, he is also a

member of the

Stakeholder

Relationship

Committee.

Ms. Anupama Datla (Executive Director) • She is a post-graduate

- in Biotechnology from the Mumbai University and a Science Graduate from the Boston College, USA. Joined FBL in 2006 and went on to join the board in 2007 as the Executive Director.
- She has taken. executive leadership in R&D, guality control, and implementing safety policies and procedures across the
- organization. She is the author of
- various patents within the group, is in charge of introducing and implementing new technology platforms into the company and also spearheads the new business development.



Ms. Rajeshwari Datla (Non-Executive Director)

 A Science graduate having a rich experience in the Pharmaceutical Industry. She joined the board in 2005 as an additional director.



Mr. Vinayak Hajare (Non-Executive Independent Director)

- Oualified Masters degree holder in Financial management from Jamnalal Bajaj Institute of Management Studies.
- He has over three decades of work experience in areas such as Investment Banking and Corporate Finance.
- He has served as an Associate Director at Ernst and Young and has held several senior positions in companies like Caylon Bank, Credit Lyonnais, and Lazard India.



Dr. Gopakumar Nair (Non-Executive Independent Director)

- He has a Ph.D from National Chemical Laboratory (NCL), Diploma in Management & Patent Law and is Law graduate (LL.B) from Mumbai University.
- He is an Intellectual **Property Rights** Consultant and practicing Patent Attorney.

• He is also a practicing lawyer specialising in Mediation and Arbitration as well as in licensing and technology transfer. Further, has been associated with pharmaceutical industry for more than four decades as Director, Managing **Director & Chairman** of various public limited pharmaceutical companies.



Ms. Rajshree Ojha (Non-Executive Independent Director)

• Has over 28 years of experience in pharmaceutical industry including in R&D analytical development, technical/CMC documentation QC-QA-QM, regulatory compliance, and registration & marketing approvals globally.

She has published many articles and research papers in reputed national and International Journals. she has also been awarded with various leadership awards.

• She is also an Adjunct Professor at KLE University, Mysore, and an Expert Member of Global Compliance Panel-DE.



Mr. Prashant Nagre, Additional Director **Managing Director**

- Prashant Nagre is Managing Director of the company. Nearly three decades in the pharmaceuticals industry, he has indepth experience across spheres encompassing the API business. production, Research and Development.
- At erstwhile DIL. Prashant headed strategy and day to day operations including Business Development, budgeting, manufacturing, R&D and allied activities. He holds a Master's in Management Sciences, and also a Post Graduate Diploma in International Trade (IIFT, New Delhi) besides a Degree in Pharmacy.

Awards and Recognitions





FBL Features in the Media

Forbës

EXCLUSIVE

Fermenta Biotech: Lucre in sheep's clothing

By Naini Thaker| Aug 22, 2019 While extracting Vitamin D3 from wool has been its mainstay, the firm is looking to move beyond its niche and expand into biotechnology



Coverage in Forbes India Issue dated 30th August 2019



ET Now interview telecast on its morning prime time show on 6th January 2020 Fermenta Biotech Limited

THE TIMES OF INDIA

Help Protect Our Protectors: Fermenta Biotech Ltd. & Indchemie Health Specialities Pvt. Ltd. donate Vitamin D to 250,000 Maharashtra Police personnel

Mediawire | Jul 30, 2020, 12.15 PM IST



"Let hope be the antidote to fear. Let solidarity be the antidote to blame. Let our shared humanity be the antidote to our shared threat." - WHO Director-General's opening remarks at the media briefing on COVID-19 on 9th March 2020

Coverage of CSR activity in The Times of India Dated 30th July 2020





BRAND POS

FBL develops and files a patent application for an orally active COVID 19 drug



Mr. Prashant Nagre, CEO, Fermenta Biotech Limited Mr. Prashant Nagre, CEO, FBL

3 min read . Updated: 19 Apr 2021, 06:21 PM IST

Brand Post

 This novel technology using green chemistry provides a sustainable, efficient and scalable form of treatment to fight against COVID-19.

Press release coverage in Mint Dated 19th April 2021



Press release coverage in Business Standard Dated 7th May 2021



6



TUESDAY, AUGUST 20, 2019



Managing in a **VUCA World**

Creating shared value in a VUCA world ensures business continuity

of ranid changes:

Devote time and

n a world wrought with the Complexity: Making sense of the multitude of variables, such as a new geography with unfamiliar regulato-VUCA parameters, here is how to create shared value and ensure business continuitynorms, can be done by acquiring now-how through internal and e

Volatility: In a state of dynamic nal sources instability such as price fluctuation Bring in specialists in your hu it is imperative to make the follow-ing investments that match the risk man capital Collaborate with partners who

know the environ

preparedness - stocknile inven Ambiguity: In cases when prece dents are unknown or inexistent, like when launching a new produc Use data analytics to minimiz the unpredictability outside your core competency in ging markets, navigate th

Uncertainty: A lack of clarity for e fog by: the future, like a potential compe Setting incremental and clear tor's entry into the market, can be goals for employees Being open to new and divergent

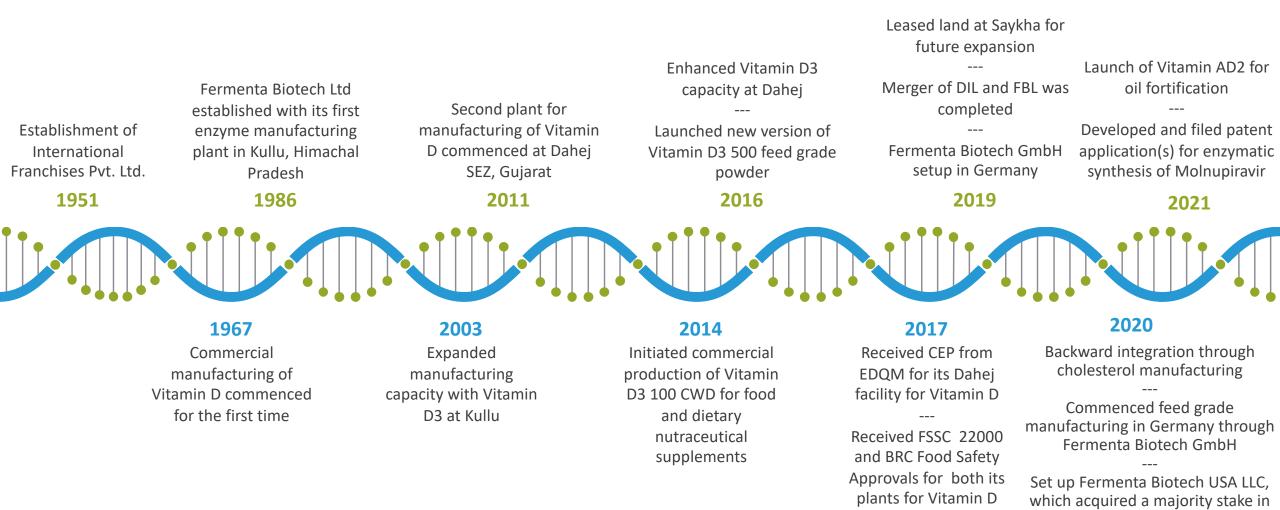
dealt in the ways below. Whatever the state your busine Maintain flexibility in your stra is in, maintaining clear communic Invest in information such as tion with all stakeholders is the key

primary research and market re to sustainable growth.

Economic Times supplement Dated 20th August 2019

Milestones





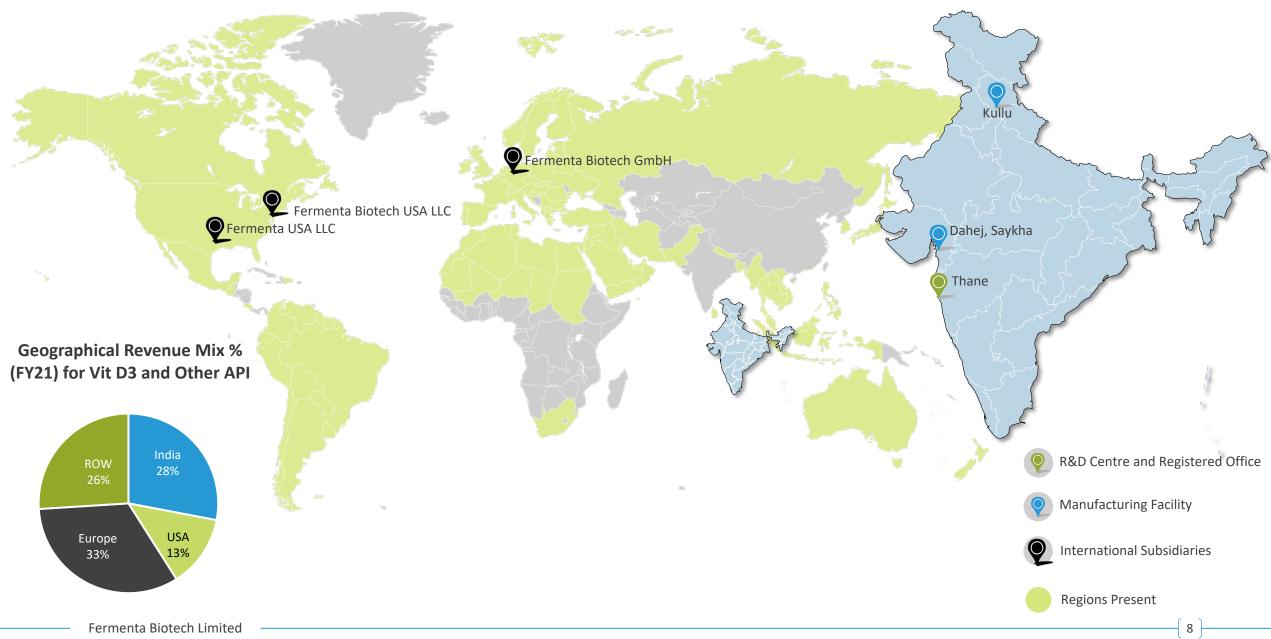
Fermenta Biotech Limited

Received Environmental Clearance (EC) for proposed facility at Saykha

US-based vitamins player, AGD Nutrition LLC, renamed as Fermenta USA LLC

Geographical Presence





Manufacturing Plants

Kullu (Himachal Pradesh)

- Set up the Biotech plant in 1987 to manufacture Penicillin G Amidase and Acylase enzyme. A new bulk drug division in 2004 to manufacture various APIs like Vitamin D3, Phenyramidol HCI and Silicon Powder.
- This plant is certified by WHO-GMP, CDSCO-WC, USFDA, HACCP, ISO-9001, ISO-14001, ISO-45001, BRC, FSSC, FSMA, FAMI-QS, HALAL, KOSHER etc.

Dahej (Gujarat) – Vitamin D3

- Established a dedicated green field manufacturing facility in 2011 to primarily manufacture Vitamin D3.
- This plant is certified WHO-GMP, CDSCO-WC, HACCP, ISO-9001, ISO-14001, ISO-45001, BRC, FSSC, FSMA, FAMI-QS, HALAL, KOSHER etc.

Dahej (Gujarat) – Backward Integration for Cholesterol

- Cholesterol is the key raw material for manufacturing of Vitamin D3, which is derived from wool grease (by-product of sheep wool scouring).
- In 2019, FBL implemented backward integration for manufacturing cholesterol which will cover 100% requirements.



























FDA U.S. FOOD & DRUG



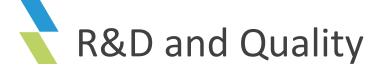






*Accreditations & Certifications are products / site specific

Fermenta Biotech Limited





R&D

- Modern, fully equipped, DSIR approved Research & Development facility complemented by highly skilled and committed scientists.
- Providing integrated solutions, processes and products for Biotech and Active Pharmaceutical Ingredients (API)
- API R&D, combined with expertise on photochemistry, chromatography and multi-step process development skills
- Biotech R&D has got wide experience in the areas of bacterial fermentation, enzyme expression, immobilization
 platforms and process development in various enzymatic applications
- Dedicated formulation development lab which currently focuses on solutions for various value-added formats in the nutrition basket, including premix (liquids and solids), and personal care portfolio

Driven by the Discover, Develop & Deliver philosophy

Quality



- Quality Assurance: Responsible for implementing quality systems, regulatory audits (national and international including customer and GMP) and releasing all manufactured products
- Regulatory Affairs: Ensures compliance with national and international regulatory requirements
- Quality Control: Responsible for all analysis, from analytical support to validations









Irradiation Process Of Pro Vitamin D



An Improved Process To Synthesize 5-(3-Pyridyl)-2, 2'-Bithiophene (Sensitizer)



Improved Cost Effective Process for Synthesis of Vitamin D3 and its Analogue Calcifediol from Ergosterol



Synthesis of 5-(3-pyridyl)-2,2'-Bithiophene (Sensitizer)



Novel Method For Synthesizing 25-OH Cholesterol/Calcifediol From Phytosterol



Improved Photochemical

Synthesis Of Vitamin D3

Using Sensitizer

Synthesis of Cholesterol and Vitamin D3 From Phytosterols



An Efficient Method for Synthesis of 5-(3-pyridyl)-2,2'-Bithiophene (Sensitizer)

New patents filed in 2021



Chemo - Enzymatic Process for Synthesis of Molnupiravir

Scalable Two Step Synthesis of Molnupiravir

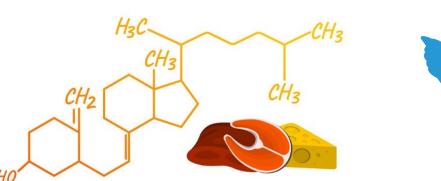


A one step process for the enzymatic synthesis of semisynthetic β-lactam antibiotics (Penmox)

BUSINESS OVERVIEW

About Vitamin D3

- Vitamin D3 (Cholecalciferol) is a fatsoluble vitamin, responsible for calcium absorption in the body.
- Vitamin D3 is produced by the body when skin is exposed to UV-B rays from the sun. Vitamin D can also be obtained from dietary sources.
- 80-90% of the Indian population¹, and over 1 billion people worldwide², suffer from low Vitamin D levels – due to an indoors lifestyle and poor diet.





fbl

For Humans

- Vitamin D has been linked to a multitude of health benefits such as general health and wellbeing, bone and mental health as well as management and prevention of certain lifestyle disorders such as diabetes and cardiovascular disease.
- Vitamin D has also been shown to play an important role in immunity and protection against respiratory infections.³
- Recent research has suggested that Vitamin D supplementation may reduce the risk of COVID-19 complications. Citing Vitamin D as a potent immune-modifying micronutrient, studies have advocated supplementation and called on governments to increase recommended levels.^{6,7,8}

For Animals

• Vitamin D has been seen to improve bone strength and density as well as fertility. It has the potential to enhance yield and quality of milk, meat and eggs.^{4,5}

References:

- 1. J Family Med Prim Care. 2018;7(2):324–330.
- 2. J Pharmacol Pharmacother. 2012;3(2):118–126.
- 3. Mayo Clin Proc. 2013;88(7):720–755.
- 4. J Dairy Sci. 1974 Sep;57(9):985-91.
- 5. Poult Sci. 1995 Dec;74(12):1919-34.
- 6. Aliment Pharmacol Ther, 51: 1434-1437., April 2020
- 7. TILDA, Irish Medical Journal, April 2020
- 8. Nutrients. 2020;12(4):988., April 2020

• FBL is a leader in manufacturing Vitamin D3, and has the distinction of being the only organization in India

• The company has a Non-China dependent supply chain.

FBL in Vitamin D3



14%

Value

Animal



Animal

Vitamin D3 Revenue (INR Mn)

Human



Volume

3%

Human

23%

One of three CEPcertified companies worldwide

to manufacture Vitamin D3

Use of proprietary technology to manufacture Vitamin D3 API

Capital 55 years of experience and the proficiency in manufacturing Vitamin D3 with a base of over 300+

customers

It is among the top three producers of Vitamin D3 API in the world

It manufactures Vitamin D3 for various applications (human and veterinary healthcare, animal feed)

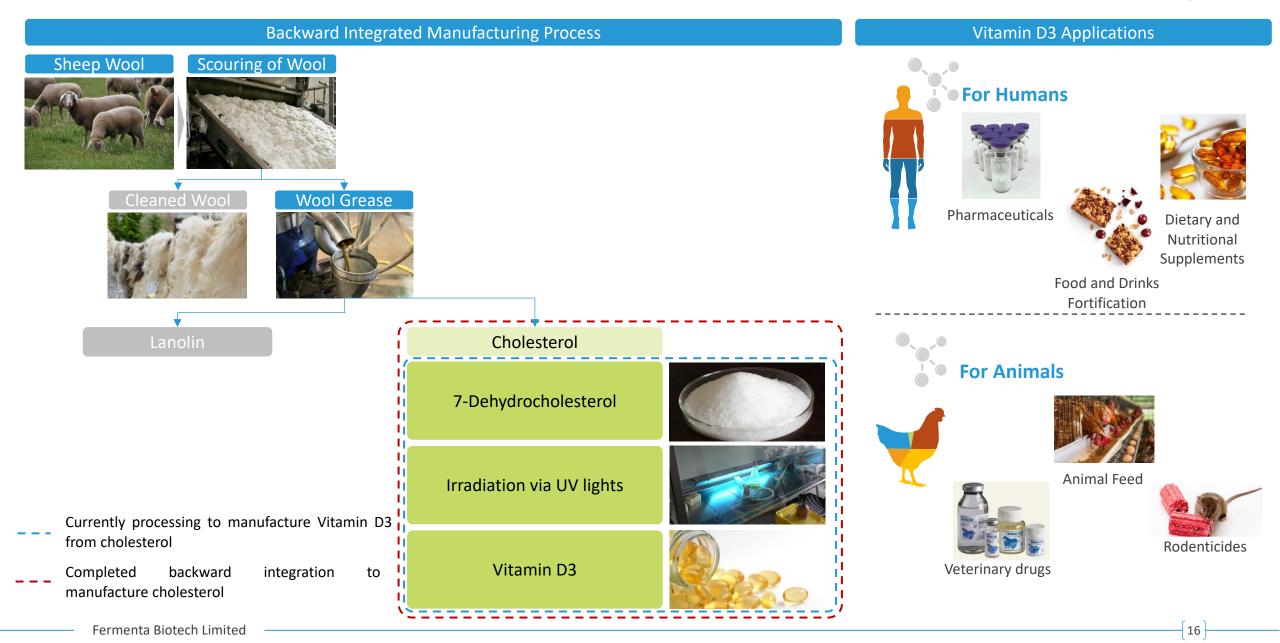
Superior quality and cost effectiveness from backward integrated manufacturing operations

Products and manufacturing facilities certified by various global health regulatory like US-FDA (FFRM), American Vegetarian Association, FAMI-QS, WHO-GMP etc.



Manufacturing Process and Applications





Integrated Biotechnology Capabilities





One-stop Destination for Green Chemistry

FBL's core expertise spans from microbial screening, fermentation, immobilization, biocatalysis, enzyme-mediated antibiotic synthesis to API intermediates & APIs

FBL is a pioneer in the development and production of fermentationbased Penicillin G Amidase enzyme (PGA) and commercialized immobilized enzymes in India

The Company is also actively working towards promoting CAL B lipase in niche applications which can revolutionize various critical API processes

FBL has developed and filed patent application(s) for enzymatic synthesis of Molnupiravir, a COVID-19 drug





APIs & Other intermediaries

 For over 25 years, FBL is a trusted and reliable source of Phenyramidol HCl (muscle relaxant) & Silicon Powder (anti-flatulent) APIs.



Environmental Solutions

FBL's Environmental Solutions provide unique advantages in waste water treatment and management through integrated biotechnology.



Fish Oil Cholesterol

As an extension to its product
 portfolio, FBL has started
 manufacturing cholesterol
 from fish oil for applications in
 the aquaculture market
 (specifically the shrimp feed
 segment), which was
 commercialised in FY21



Real Estate

- 45 Acres of freehold land at Takawe, Pune
- ~10,000 sq. ft. leased area at Worli, Mumbai
- ~200,000 sq. ft. leasable area in Thane One
- 6 Acres of freehold land at Thane One
- Approximate market value of real estate is ~500 Cr
- Real estate lease rentals help sufficiently service the real estate debt

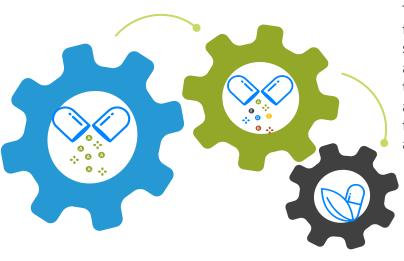


Expanding Our Nutraceutical Basket

- From single Vitamin D3 to multi-vitamin, the company aims to widen its nutraceuticals ingredients basket within the next 5 years
- Developing new technologies enabling FBL to get into value-added ingredients, improving stability, bioavailability and scalability
- In this journey, the company is exploring inorganic opportunities as well
- Distribution network already built for catering to an expanded nutraceutical basket



Aim to broaden vitamin product bouquet to be more palatable to customers



Multi-vitamins to Nutraceuticals Target initially by penetrating functional food and nutraceutical supplements. Further strategically adding core nutraceuticals for tackling common health problems and adding medical nutraceuticals for infant feeding, chronic ailments, boosting immunity, etc.



Nutraceutical Product Pipeline



/itamin D3 and its v	various formats for	Variants of F	at soluble vitamins	Nutriti	on portfolio	
Pharmaceuticals		Vitamin A		Fortifie	ed Rice Kernel	
Dietary & Nutritiona Food	Il Supplements	Vitamin E		Smart	Minerals	
Feed		Vitamin D2			nized Premixes	
/eterinary Science						
Rodenticide		Vitamin K1		Pre an	d Pro - Biotics	
					RA	
	Current Portfolio		Multi Vitamin		Nutraceutical	
/itamin D3 500	Products Recently La	aunched		New I	Product Launch Ti	meline
eed Grade (new variant from Fermenta Biotech GmbH)	Natural Astaxanthin	Omega - 3 Fatty Acids	Vitamin AD2 for oil fortification	Fortified Rice Kernel	Vitamin K1	Customized premix
Q1	Q3 FY21	Q3 FY21	Q1 FY22	Q3	Q4 F22	Q2 FY23

Growth Drivers

Internal Factors

- Strong manufacturing capabilities with enhanced capacity utilizations to meet YoY production targets
- Enhancing control and reduced dependence by backward integration
- Sales footprint in 50+ countries spread across the globe
- Expanding into value added formats of vitamins like A, E, D2, manufacturing Vitamin K and further focus on development of smart minerals, novel anti-oxidants, customized premixes, pre and pro-biotics etc.
- Setting up plant at Sayakha, Gujarat for enhancing nutraceutical portfolio.

External Factors

- Increased prescription market for Vitamin D3 formulations
- Growing need for applications in the form of tablets, capsules and syrups
- Government guidelines related to use of Vitamin D in food fortification
- Significant portion of global population is Vitamin D deficient or insufficient
- Understanding of Vitamin D benefits has moved beyond bone & joint health to management of lifestyle disorder as well as general health, wellbeing and immunity



21





Strategic Initiatives



O

Enhanced Focus

Exiting of non-core business activities and laying long term emphasis on expanding the Nutraceutical business.



Capital Allocation Plans

All future capital allocation will be focused towards Nutraceuticals business.



Real Estate Business

The company is looking to monetize these assets at appropriate valuations and there are no plans to infuse any further capital in real estate.

Debt

The company has a long term debt of approximate INR 110 Cr with a low average cost of debt at ~ 7% pa. Around 55% of the long term debt is towards the real estate business where the lease rentals are self sufficient enough to take care of the principal repayment and interest.

Focus to reduce working capital

The company's increase in working capital in FY21 was primarily due to the increased inventory levels. This was a strategic move to secure key raw material requirements. Going ahead the working capital is expected to significantly reduce.

Divid

Dividend Policy

The company strives to have a prudent dividend policy with a healthy balance between shareholders' returns and organizational requirement for ture growth. fu

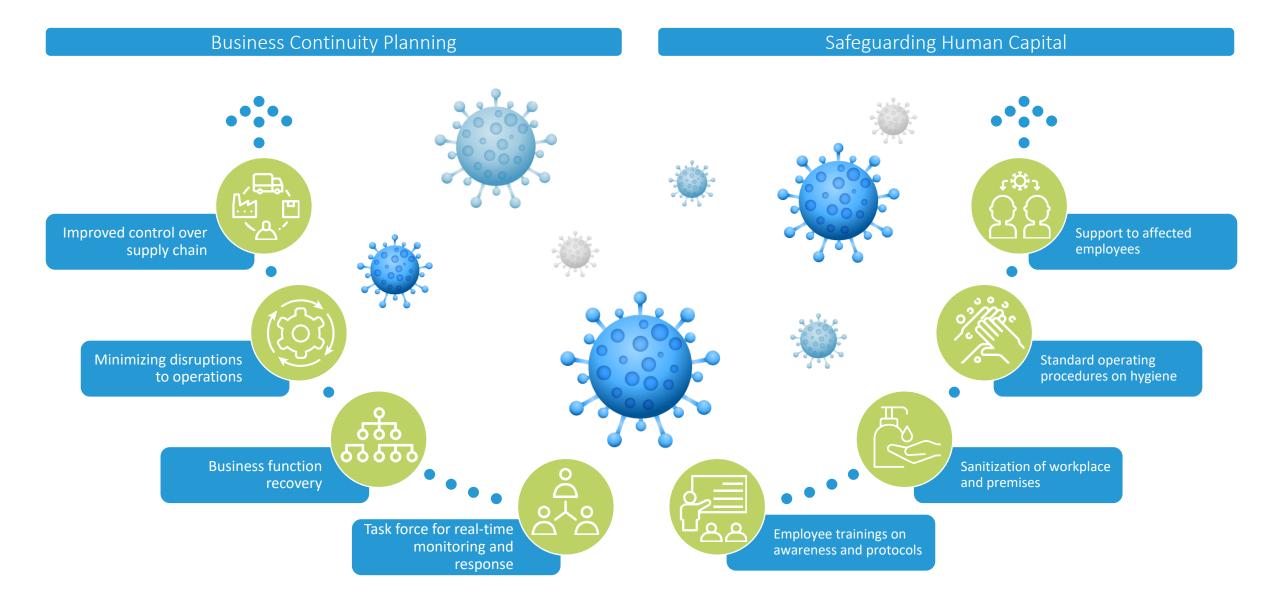


Capacity Expansion

Around 20% capacity expansion for Vitamin D3 in Q2 FY22 with Rs 30 crores investment

Risk mitigation measures for COVID-19

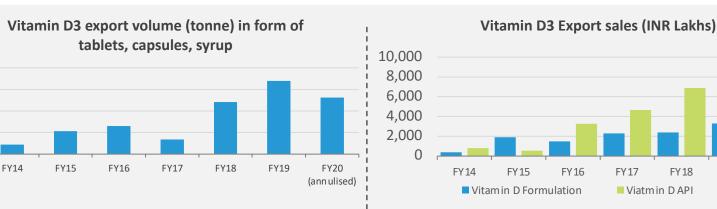






Vitamin D Industry

- The Vitamin D market is estimated to account for about USD 1.1 billion in 2019 and is projected to reach a value of nearly USD 1.7 billion by 2025, growing at a CAGR of 7.0% from 2019 to 2025.
- Around the world 1 in 3 women and 1 in 5 men over the age of 50 will suffer an osteoporotic fracture. In fact, a bone will break every 3 seconds because of this disease. Osteoporotic fractures are a result of osteoporosis, a condition in which the bones become more fragile due to bone deterioration or low bone mass.
- Numerous studies across various regions of India indicate that approximately 70-90% of apparently healthy population is Vitamin D deficient.
- According to the 2019 Alltech Global Feed Survey, Asia Pacific is home to several of the top 10 feedproducing countries, including China, India, and Japan; and accounted for more than 36.0% of the world's feed tonnage. China dominated as the top feed-producing country in the world, with 187.9 million metric tons (207.1 million tons).
- Data shows the Vitamin D3 market saw an 80.5 per cent jump from 2014 levels, whereas the Vitamin D combinations products market size witnessed a 141.5 per cent jump.



FY 20

(annulised)

FY 18

FY 19

Market shares of vitamin segment			
Vitamin sub-segment	Market share in overall vitamin segment (%)		
Multivitamins + Minerals	22.28		
Vitamin D3	9.27		
Plain Vitamin B Complex	5.45		

Top Vitamin D3 Brands				
Brand	Company	Market share (%)		
Uprise D3	Alkem Laboratories	12.17		
Calcirol	Cadila Pharma	11.49		
Arachitol	Abbott India	6.06		
Depura	Sanofi	5.19		
D3 Must	Mankind Pharma	4.93		

Source: marketsandmarkets, iofbonehealth.org, Business Standard, Moneycontrol

Fermenta Biotech Limited

200

150

100

50

0





Market size of vitamins and CAGR					
	MAT Value July 2014 (INR Bn)	MAT Value July 2018 (INR Bn)	5-year value CAGR (%)		
Vitamin D3 market size	2.98	5.38	15.9		
Overall market of vitamins	39.28	58.08	8.14		

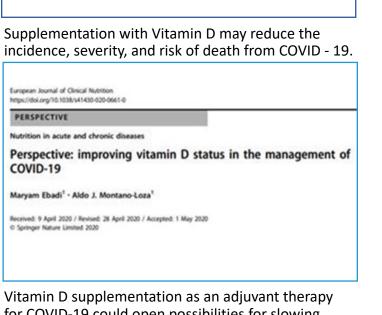
Importance of Vitamin D in Covid-19

"The goal should be to raise 25(OH)D concentrations above 40-60 ng/mL (100-150 nmol/L). For treatment of people who become infected with COVID-19, higher vitamin D3 doses might be useful." – Dr. William Grant*

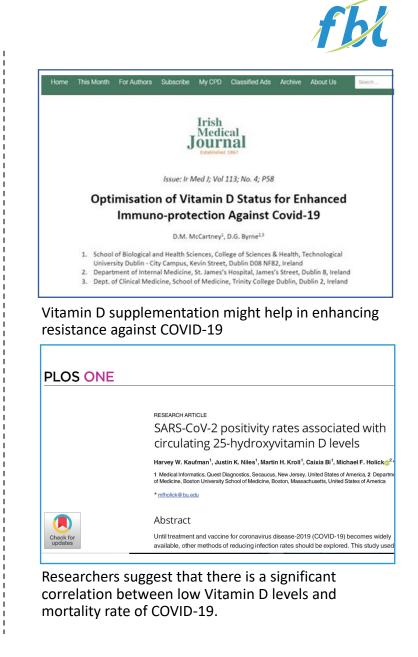
"If you're deficient in vitamin D, that does have an impact on your susceptibility to infection. I would not mind recommending, and I do it myself, taking vitamin D supplements." – Dr. Anthony Fauci, Director, National Institute of Allergy and Infectious Diseases^

*Nutrients. 2020 Apr 2;12(4):988. ^Business Insider, 12th September 2020



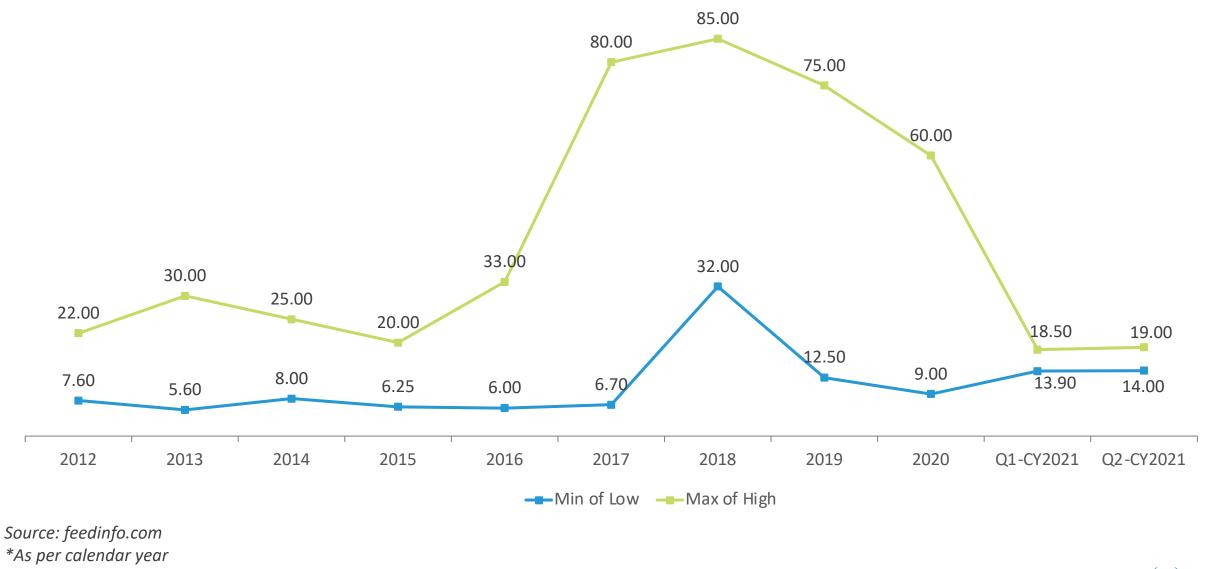


Vitamin D supplementation as an adjuvant therapy for COVID-19 could open possibilities for slowing disease progression & improving survival.



Vitamin D3 500 Animal Feed Price Trend





Fermenta Biotech Limited

Nutraceutical Industry

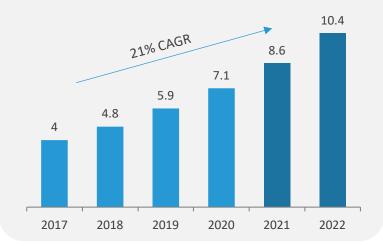
- The USA, Japan and Europe account for more than 90% of the total global nutraceutical market.
- North America nutraceuticals market is a mature market and is likely to progress at a CAGR of over 7.8% from 2016 to 2024. Increasing utilization of functional food and beverages by the baby boomer population in North America is expected to augment market growth.
- Central & South America accounted for a market share of 7.2% in 2016 and is projected to ascend at a CAGR of 9.0% from 2017 to 2025 in terms of revenue owing to growing demand for nutraceuticals in Brazil.
- Dietary supplements segment is expected to ascend at a CAGR of over 9.7% from 2017 to 2025 on account of rising product demand from Brazil, China, India, South Korea, Poland, and Mexico.
- Focus of nutraceutical players is now shifting towards developing economies, especially those across Asia Pacific, including India.
- In 2017, the Indian market held only 2% market share of the global nutraceutical market and its estimated valuation stands at around \$5 billion as of 2019. It is expected to reach \$11 billion by 2023, increasing at a CAGR of 21%. By 2023, India is also expected to hold at least 3.5% market share of the global market.
- Asia Pacific is predicted to ascend at the fastest CAGR of 9.9% over the forecast period on account of rapid growth of the market in China, Japan, and India.

Source: Business Standard, ASSOCHAM Nutraceuticals Report 2018

Fermenta Biotech Limited

Global Nutraceutical Market Size (USD Bn)







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Domestic Nutraceutical Market Size (USD Bn)



Historical Standalone Income Statement



PARTICULARS (INR Mn)	Q1-FY22	FY21	FY20	FY19
Operational Revenue	1,089	3,728	3,005	4,047
Total Expenses	813	2,791	2,311	2,634
Operational EBITDA	276	937	694	1,413
Operational EBITDA Margin (%)	25.34%	25.13%	23.09%	34.91%
Other Income	11	66	123	123
Depreciation	55	190	149	119
Finance Cost	42	181	193	206
PBT	190	632	475	1,211
Тах	62	112	(162)	107
PAT	128	520	637	1,104
PAT Margins (%)	11.75%	13.95%	21.20%	27.28%
Other Comprehensive Income	-	(0.4)	18	(15)
Total Comprehensive Income	128	519	655	1,089
Diluted EPS (INR)	4.43	17.92	21.96	38.24*

*Adjusted EPS post bonus issue in the proportion of 2:1

Fermenta Biotech Limited

Standalone Balance Sheet (Ind-AS)

PARTICULARS (INR Mn)	FY21	FY20
Equity	3,704	3,126
a) Equity share capital	144	144
b) Other equity	3,560	2,982
Liabilities		
Non-current liabilities	1,192	1,115
a) Financial liabilities		
i) Borrowings	1,104	1,018
ii) Lease liabilities	35	45
iii) Other financial liabilities	5	6
b) Provisions	45	41
d) Other non-current liabilities	3	5
Current Liabilities	1,929	1,855
a) Financial liabilities		
i) Borrowings	963	1,043
ii) Lease liabilities	12	11
ii) Trade payables	457	472
iii) Other financial liabilities	410	297
b) Provisions	8	6
c) Other current liabilities	76	23
d) Current tax liabilities (Net)	3	3
TOTAL EQUITY AND LIABILITIES	6,825	6,096

PARTICULARS (INR Mn) FY21 FY20 Assets	- /		
Non-current Assets 3,745 3,272 a) Property, plant and equipment 1,538 1,040 b) Capital work-in-progress 527 671 c) Right of use assets 147 162 d) Investment property 682 707 e) Goodwill 41 41 f) Other intangible assets 88 18 g) Intangible assets under development 42 37 h) Investments 127 8 i) Investments in subsidiaries 127 8 i) Financial assets 2 3 ii) Loans - 2 3 iii) Others financial assets 22 41 j) Deferred tax assets (Net) 381 381 k) Non-current tax assets (Net) 313 91 l) Other non-current assets 3080 2,824 a) Inventories 1,335 70 current Assets 3,080 2,824 a) Inventories 1,328 1,135 b) Financial assets 136 688	PARTICULARS (INR Mn)	FY21	FY20
a) Property, plant and equipment1,5381,040b) Capital work-in-progress527671c) Right of use assets147162d) Investment property682707e) Goodwill4141f) Other intangible assets88188g) Intangible assets under development4237h) Investments1278i) Investments23ii) Investments23iii) Loans-2iii) Other s financial assets2241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets302,924	Assets		
b) Capital work-in-progress 527 671 c) Right of use assets 147 162 d) Investment property 682 707 e) Goodwill 41 41 f) Other intangible assets 88 18 g) Intangible assets under development 42 37 h) Investments 127 8 i) Investments in subsidiaries 127 8 i) Financial assets 2 3 ii) Loans - 2 iii) Other financial assets (Net) 381 381 k) Non-current tax assets (Net) 113 91 l) Other non-current assets 35 70 Current Assets 3,080 2,824 a) Inventories 1,328 1,135 b) Financial assets 961 774 ii) Cash and cash equivalents 136 68 iii) Bank balances other than (iii) above 277 256 iv) Loans 48 213 v) Other financial assets 80 129 c) Other current assets 250 249	Non-current Assets	3,745	3,272
c) Right of use assets147162d) Investment property682707e) Goodwill4141f) Other intangible assets8818g) Intangible assets under development4237h) Investments1278i) Investments in subsidiaries1278i) Investments23ii) Investments-2iii) Others financial assets2241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213129c) Other current assets80129c) Other current assets250249	a) Property, plant and equipment	1,538	1,040
d) Investment property682707e) Goodwill4141f) Other intangible assets8818g) Intangible assets under development4237h) Investments1278i) Investments in subsidiaries1278i) Financial assets11ii) Investments23iii) Loans-2iii) Others financial assets2241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets961774ii) Cash and cash equivalents136688iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	b) Capital work-in-progress	527	671
e) Goodwill4141f) Other intangible assets8818g) Intangible assets under development4237h) Investments4237i) Investments in subsidiaries1278i) Investments23ii) Investments23ii) Investments23ii) Investments241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3570Current Assets361774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets80129c) Other current assets250249	c) Right of use assets	147	162
f) Other intangible assets8818g) Intangible assets under development4237h) Investments4237i) Investments in subsidiaries1278i) Financial assets1278i) Investments23ii) Loans-2iii) Others financial assets2241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	d) Investment property	682	707
g) Intangible assets under development4237h) Investmentsi) Investments in subsidiaries1278i) Financial assets23ii) Investments23ii) Loans-2iii) Others financial assets2241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	e) Goodwill	41	41
b) Investments127i) Investments in subsidiaries127i) Financial assets2i) Investments2i) Loans-ii) Loans2iii) Others financial assets22j) Deferred tax assets (Net)381j) Deferred tax assets (Net)381k) Non-current tax assets (Net)113l) Other non-current assets35j) Deferred tax assets (Net)113l) Other non-current assets368ii) Cash and cash equivalents136iii) Bank balances other than (iii) above277iii) Bank balances other than (iii) above277v) Other financial assets80ii) Coher current assets80129250c) Other current assets250249	f) Other intangible assets	88	18
i) Investments in subsidiaries1278i) Financial assetsi) Investments23ii) Loans-2iii) Others financial assets2241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	g) Intangible assets under development	42	37
i) Financial assetsInvestmentsInvestmentsi) Investments23ii) Loans-2iii) Others financial assets2241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets35570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	h) Investments		
i) Investments23ii) Loans-2iii) Others financial assets2241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	i) Investments in subsidiaries	127	8
ii) Loans-2iii) Others financial assets2241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets961774i) Trade receivables961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	i) Financial assets		
iii) Others financial assets2241j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets961774i) Trade receivables961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	i) Investments	2	3
j) Deferred tax assets (Net)381381k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets11i) Trade receivables961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	ii) Loans	-	2
k) Non-current tax assets (Net)11391l) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assetsi) Trade receivables961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	iii) Others financial assets	22	41
I) Other non-current assets3570Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets11i) Trade receivables961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	j) Deferred tax assets (Net)	381	381
Current Assets3,0802,824a) Inventories1,3281,135b) Financial assets11i) Trade receivables961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	k) Non-current tax assets (Net)	113	91
a) Inventories1,3281,135b) Financial assets11i) Trade receivables961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	I) Other non-current assets	35	70
b) Financial assets i) Trade receivables 961 774 961 68 136 68 139 68 13	Current Assets	3,080	2,824
i) Trade receivables961774ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	a) Inventories	1,328	1,135
ii) Cash and cash equivalents13668iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	b) Financial assets		
iii) Bank balances other than (iii) above277256iv) Loans48213v) Other financial assets80129c) Other current assets250249	i) Trade receivables	961	774
iv) Loans48213v) Other financial assets80129c) Other current assets250249	ii) Cash and cash equivalents	136	68
v) Other financial assets80129c) Other current assets250249	iii) Bank balances other than (iii) above	277	256
c) Other current assets 250 249	iv) Loans	48	213
	v) Other financial assets	80	129
TOTAL ASSETS 6,096	c) Other current assets	250	249
	TOTAL ASSETS	6,825	6,096

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Historical Consolidated Income Statement



PARTICULARS (INR Mn)	Q1-FY22	FY21	FY20	FY19
Operational Revenue	1,096	3,773	2,929	4,047
Total Expenses	839	2,956	2,277	2,558
Operational EBITDA	257	817	652	1,489
Operational EBITDA Margin (%)	23.45%	21.65%	22.26%	36.79%
Other Income	18	82	123	124
Depreciation	59	203	150	119
Finance Cost	41	180	191	207
PBT	175	516	434	1,287
Тах	60	91	(161)	108
PAT before Associates & Joint Venture	115	425	595	1,179
Share of Loss of Associates & Joint Venture	-	-	-	(4)
Non-controlling interests	(2.00)	30	-	-
PAT	113	455	595	1,175
PAT Margins (%)	10.31%	12.06%	20.31%	29.03%
Other Comprehensive Income	1	(2)	17	(15)
Total Comprehensive Income	116	423	612	1,160
Diluted EPS (INR)	3.92	15.69	20.53	40.70*

*Adjusted EPS post bonus issue in the proportion of 2:1

Fermenta Biotech Limited

Consolidated Balance Sheet (Ind-AS)

PARTICULARS (INR Mn)	FY21	FY20
Equity	3,603	3,094
a) Equity share capital	144	144
b) Other equity	3,462	2,950
c) Non-controlling interests	(3)	0.1
Liabilities		
Non-current liabilities	1,175	1,097
a) Financial liabilities		
i) Borrowings	1,105	1,018
ii) Lease liabilities	17	27
iii) Other financial liabilities	5	6
b) Provisions	45	41
c) Other non-current liabilities	3	5
Current Liabilities	2,093	1,946
a) Financial liabilities		
i) Borrowings	963	1,043
ii) Lease liabilities	12	11
ii) Trade payables	621	564
iii) Other financial liabilities	410	297
b) Provisions	7	5
c) Other current liabilities	77	23
d) Current tax liabilities (Net)	3	3
TOTAL EQUITY AND LIABILITIES	6,871	6,137

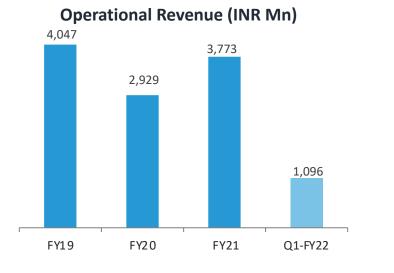
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PARTICULARS (INR Mn)	FY21	FY20
Assets		
Non-current Assets	3,775	3,297
a) Property, plant and equipment	1,539	1,040
b) Capital work-in-progress	527	671
c) Right of use assets	129	143
d) Investment property	687	713
e) Goodwill	107	41
f) Other intangible assets	168	65
g) Intangible assets under development	42	37
h) Financial assets		
i) Investments	3	3
ii) Loans	-	2
iii) Others financial assets	22	40
i) Deferred tax assets (Net)	403	381
j) Non-current tax assets (Net)	113	91
k) Other non-current assets	35	70
Current Assets	3,096	2,840
a) Inventories	1,623	1,286
b) Financial assets		
i) Trade receivables	680	698
ii) Cash and cash equivalents	168	75
iii) Bank balances other than (iii) above	277	256
iv) Loans	48	213
v) Other financial assets	35	63
c) Other current assets	265	249
TOTAL ASSETS	6,871	6,137

Fermenta Biotech Limited

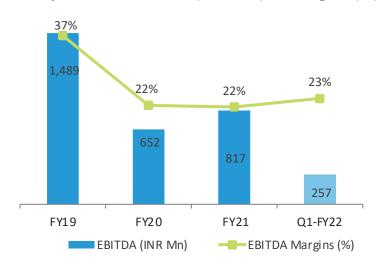
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Historical Consolidated Financial Performance

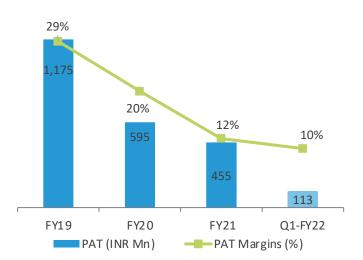




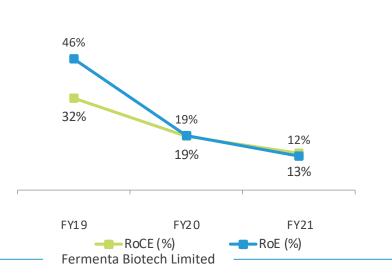
Operational EBITDA (INR Mn) & Margins (%)

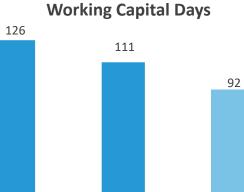


PAT (INR Mn) & Margins (%)



RoCE & RoE (%)



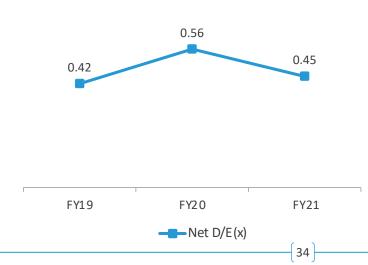


FY20

FY21

FY19

Net Debt to Equity (x)







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