

Granules India Ltd.



Investor Presentation

Q3 FY19



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Q3 FY19 Updates

Q3 Financial Performance Highlights

SALES FROM OPERATIONS

Rs 632 Crs
54%↑ over Q3FY18

EBITDA

Rs 119 Crs
59%↑ over Q3FY18

PAT

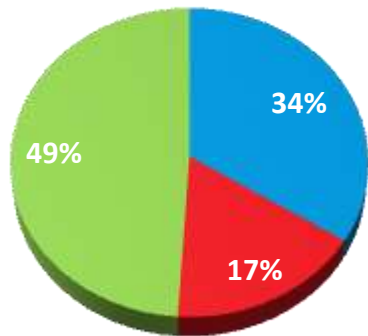
Rs 60 Crs
72%↑ over Q3FY18

EPS *

Rs 9.0
44%↑ over 9MFY18*

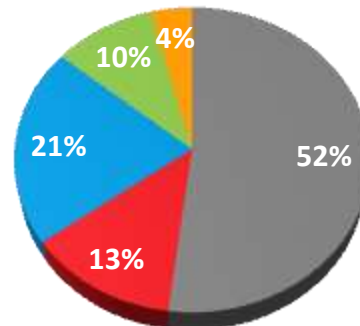
* Diluted 9M EPS annualised

Product Vertical wise – Q3FY19



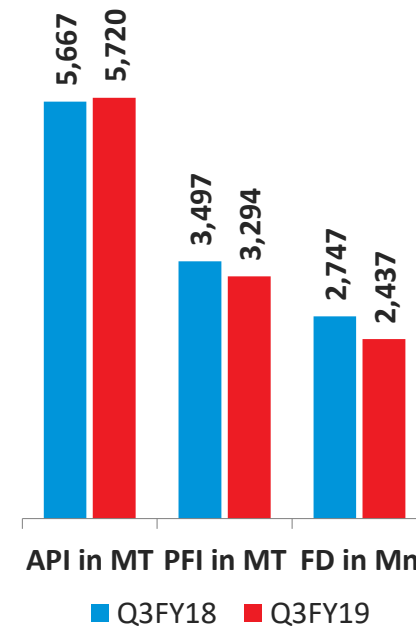
■ API ■ PFI ■ FD

Geography wise – Q3FY19



■ North America
■ Europe
■ India
■ LATAM
■ ROW

Production Details



About Granules

Granules at a Glance



Building Blocks

- Regulatory Compliance
- Operational Efficiency
- Customer Centricity
- Scale of Operation



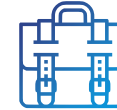
Installed Capacity

- 34,560 TPA of API
- 285 KL
- 4,800 TPA (JV)
- 152 KL (JV)
- 24,400 TPA of PFI
- 18 Bn dosages of FD



Regulatory Approvals

- USFDA, EDQM, EU GMP, COFEPRIS, WHO GMP, TGA, KFDA, DEA, MCC, HALAL



Business Divisions

- Core Business
- Emerging Business
- US Generics
- Joint Ventures



Global Reach

- 60+ countries
- 250+ customers

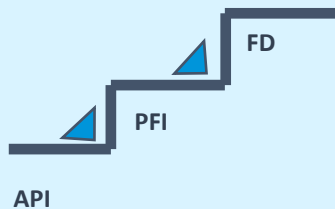


Revenue Mix

- Over 80% of revenues through exports
- 62% of revenues through regulated markets of USA, Europe and Canada
- LATAM contributes 11% of revenues



Business Verticals



Vertically integrated across value chain



People Strength

- 2,602 people as on 31st March, 2018



Intangible Assets

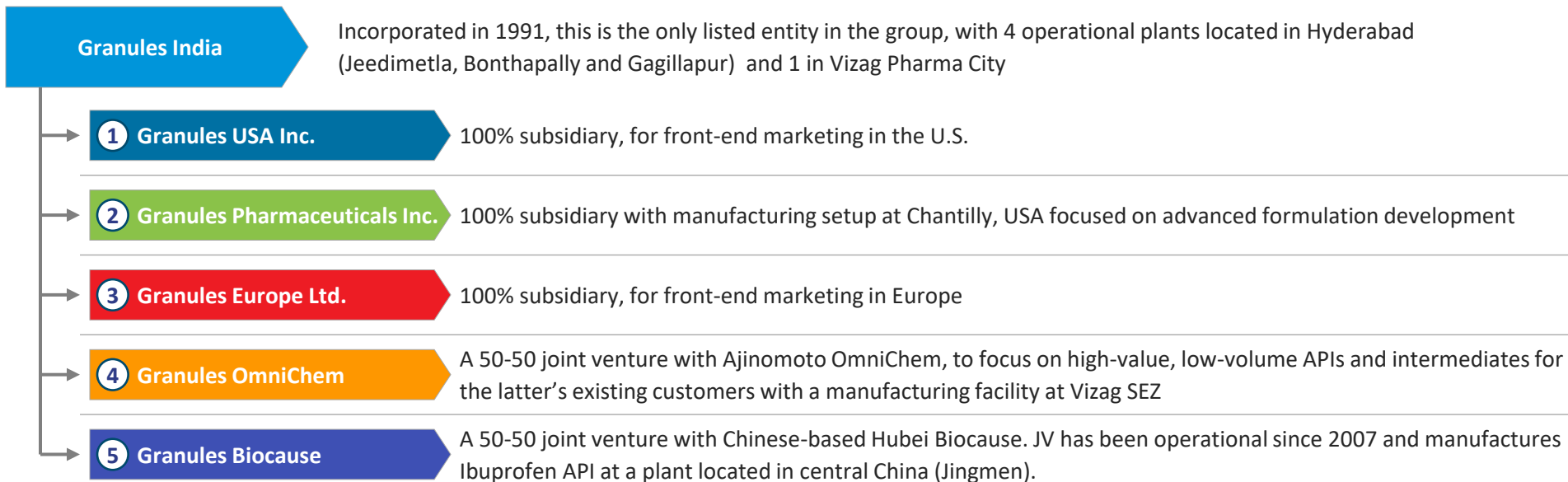
- 24 ANDA filings; 11 approved
- 21 US & 6 European DMF's
- 12 CEPs with EDQM
- 3 patents granted and 52 filed



Manufacturing Base

- 8 operational manufacturing facilities; 6 in India, 1 in China, 1 in US
- One of the World's largest Paracetamol API facilities.
- World's largest PFI facility
- One of the largest single site FD facilities

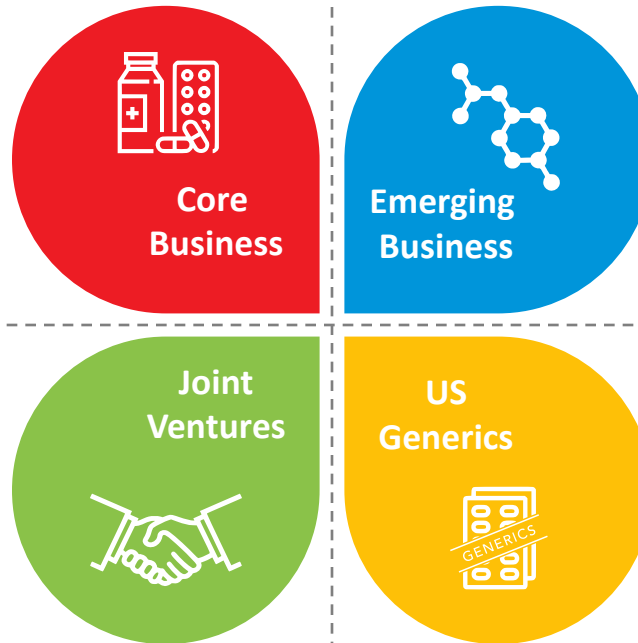
Group Structure and Manufacturing Presence



Value Chain	Facility Location	Installed Capacity	Approvals
API	Bonthapally	31,000 TPA	U.S. FDA, EDQM, WHO, COFEPRIS, INFARMED
	Jeedimetla	3,560 TPA	U.S. FDA, EDQM, COFEPRIS, WHO, CDCSO
	Jingmen, China (Biocause JV)	4,800 TPA	U.S. FDA, MHRA, CFDA
	Vizag	285 KL	U.S. FDA, KFDA, EU GMP, WHO GMP, EDQM
	Vizag SEZ (OmniChem - CRAMs JV)	152 KL	U.S. FDA
PFI	Gagillapur	23,200 TPA	U.S. FDA, COFEPRIS, TGA, MCC, INFARMED
	Jeedimetla	1,200 TPA	WHO GMP, COFEPRIS, INFARMED
FD	Gagillapur	18 Bn	U.S. FDA, MCC, COFEPRIS, TGA, INFARMED
	Virginia, USA	0.5 Bn	U.S. FDA, DEA
API Intermediates	Bonthapally	61.5 KL	

Business Structure – Granules India

- Focus on core products including Paracetamol, Metformin HCl, Ibuprofen, Guaifenesin and Methocarbamol. Added Cetrizine and Fexofenadine to the portfolio
- Large scale manufacturing enables sustain competitive advantage & secured supply source for the customers
- Pioneered the concept of commercializing PFIs which suits well with large volume drug



- Auxiliary growth engine to secure the future while strengthening the core business
- Growth avenue for differentiated technology platforms producing low volume but high value products
- Business contingency

- Granules Biocause, a venture with China based Hubei Biocause operational since 2007. Objective is to enable core business Ibuprofen API requirement through backward integration.
- Omnichem is a 50:50 JV with Belgium Omnicem, a part of the Ajinomoto Group. Focus on CRAMS as a diversification strategy.

- Fully integrated infrastructure including R&D, manufacturing and marketing enabling “Make in America”
- Business to Consumer reach (B2C)
- Focus on developing niche / differentiated products in areas of modified and immediate release products of varied dosage forms

Core Business

Overview

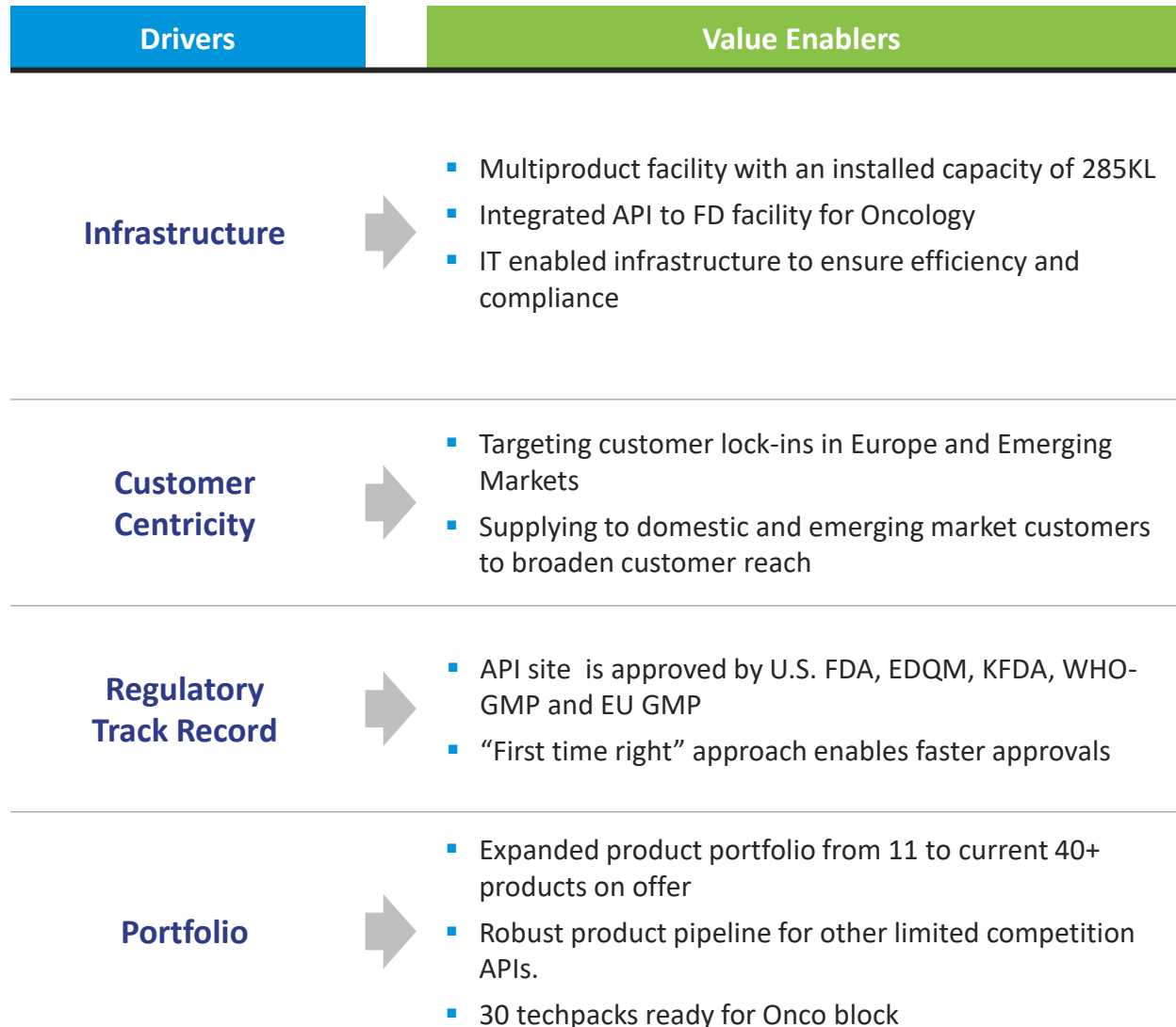
- Present across the entire pharmaceutical manufacturing value chain from API to Finished Dosages.
- Large scale manufacturing enables not only sustain competitive advantage but also build operational efficiency into the system
- Focus on first line of defence portfolio products such as Paracetamol, Metformin HCl, Ibuprofen, Guaifenesin, Methocarbamol, Cetirizine and Fexofenadine etc.
- Pioneered the concept of commercializing PFIs which is for large volume molecules
- 3 US FDA approved plants located in Hyderabad (Jeedimetla, Bonthapally and Gagillapur)

Drivers	Value Enablers
Scale	<ul style="list-style-type: none">▪ One of the World's largest PFI and single site FD facility▪ API capacity 34,560 MT, PFI 24,400 TPA & Finished Dosages 18 billion▪ DMFs, Dossiers, ANDAs for APIs and finished dosages, which can be repacked and marketed by customers under their own brand name
Present Across Value Chain	<ul style="list-style-type: none">▪ Fully integrated in key molecules from APIs to Finished Dosages
Expanding Portfolio	<ul style="list-style-type: none">▪ Selective addition of molecules to the portfolio▪ Enhancement of existing products through introduction of controlled release and controlled substances▪ Access to value-added products, such as rapid-release caplets and bi-layer tablets
Regulatory Compliance	<ul style="list-style-type: none">▪ All plants are FDA and other regulatory body approved▪ Regular customer audits ensures continuous compliance▪ Dedicated resource to monitor and improve compliance parameters

Emerging Business: Multi APIs / Onco

Overview

- Addition of USFDA approved multiproduct manufacturing site enabling scale-up and manufacturing of niche APIs through in-house R&D for organic ANDA filling and customers' formulation development
- Helps core US business in integrated play – both OTC & Rx space.
- Multiproduct and multi-stage manufacturing facilities in Vizag to manufacture and market products in different technology platforms
- Limited competition space; developed unique products with complex technology and high entry barriers give exposure to early launch opportunities
- Fully integrated facility to offer APIs and FDs in Onco Therapeutic Segment which features among the top growth segments
- Business contingency for API manufacturing for supply chain continuity



US Generics

Overview

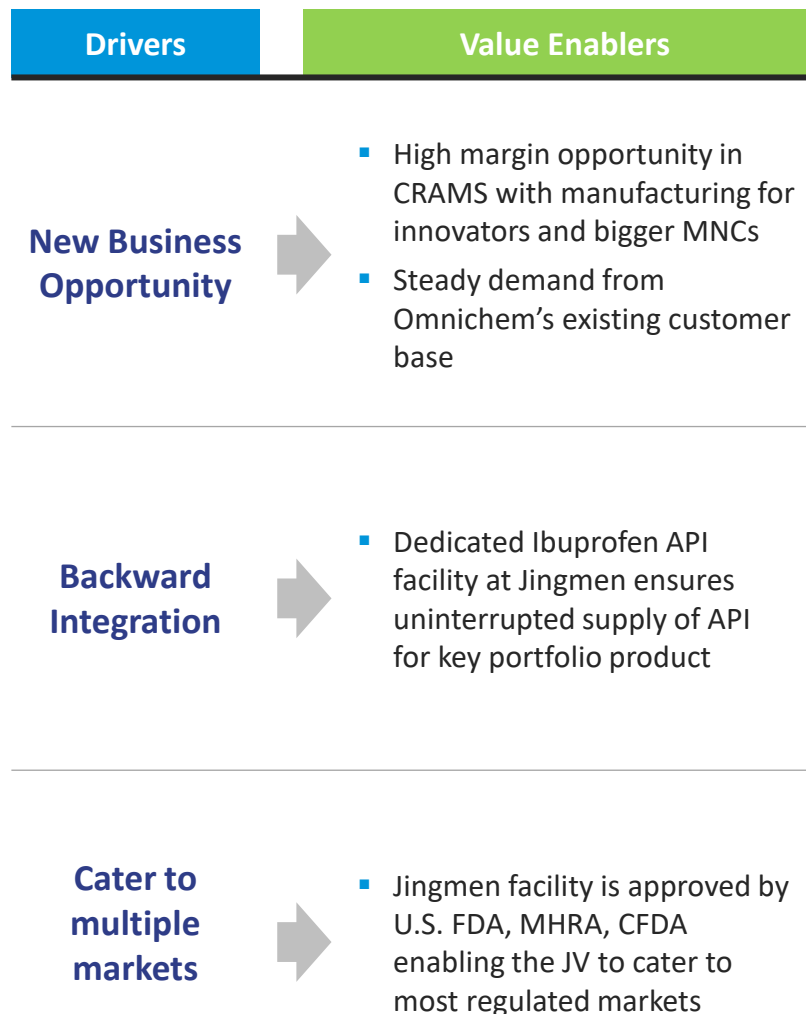
- Fully integrated infrastructure from R&D, manufacturing to marketing enabling “Make in America”
- Balanced product portfolio. Combination of internal capabilities and market dynamics
- Strategic portfolio selection focusing on limited competition in Para III
- US FDA approved facility in Virginia with a team strength of 90+
- Access to talent pool in the US
- Business to Consumer – front end sales and marketing for Rx & OTC products



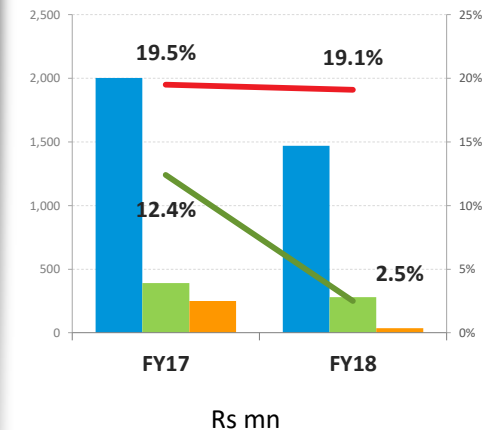
JVs – Granules Omichem & Granules Biocause

Overview

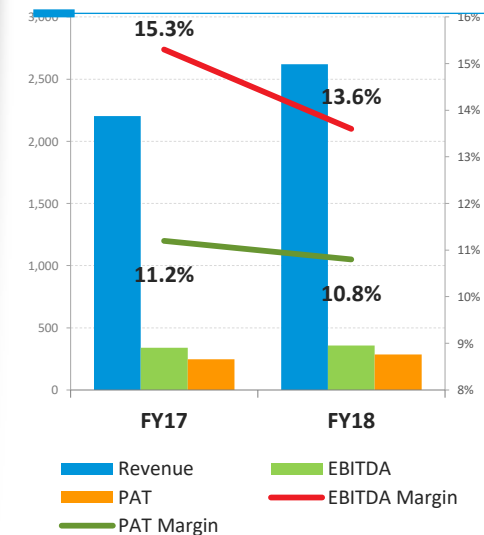
- Granules Biocause, a venture with China based Hubei Biocause operational since 2007. Objective is to enable core business Ibuprofen API requirement through backward integration.
- Enables the core business to de-risk the supply chain management
- Omnichem is a 50:50 JV with Belgium Omnichem, a part of the Ajinomoto Group. Focus on CRAMS as a diversification strategy
- Omnichem foray primarily caters to high-value, low-volume API and intermediates for Omichem's existing customers
- Provides a cost effective manufacturing base to innovators when CRAMS products go off-patent



Granules Omnichem



Granules Biocause



Core Management Team



Mr. C. Krishna Prasad
Chairman and Managing Director

Mr. Prasad is the Founder of Granules and has three decades of experience in the pharmaceutical industry. In 1984, he set up a Paracetamol manufacturing facility, focused on capital and process efficiency. Pharmaceutical Formulations Intermediates (PFIs) as a cost efficient product for global formulations manufacturers, a concept pioneered and popularized by him.



Mrs. Uma Devi Chigurupati
Executive Director

Mrs. Uma has rich experience of 30 years in various fields. Mrs. Uma with Mr. C. Krishna Prasad co-founded Triton Laboratories Private Limited in the year 1984, which was later amalgamated with Granules India Limited. Presently, she is spear heading CSR activities and HR initiatives.



Ms. Priyanka Chirugupati
Executive Director, Granules Pharmaceuticals, Inc.

Ms. Priyanka Chigurupati is the Executive Director of Granules Pharmaceuticals Inc. and responsible for the US Generics business. Ms. Chigurupati has a Master of Science degree in Business Management from Case Western Reserve University. Within Granules, she has had a variety of roles across several divisions in the US and in India including the Core business, Emerging Business and Consumer Health over the past 5 years.



Mr. Karuppannan Ganesh
Chief Financial Officer

Mr. Ganesh is a Chartered Accountant with post qualification experience of 30 years. He has worked on cross border M&A activities, international treasury & taxation, corporate development and control. Prior to joining Granules India, Mr. Ganesh worked in Dr Reddy's Laboratories as Sr Vice President - Corporate Finance. He also worked with Philips India, Coca Cola, ABB and Manali Petrochemical on various capacities



Mr. Sreekanth Muttineni
Chief Operating Officer

Mr Sreekanth Muttineni joined Granules India in September 2016. During nine year tenure with Lupin Ltd, he was responsible for manufacturing operations. Prior to that, Mr. Muttineni had worked at Aurobindo Pharma Ltd as General Manager – Operations and led the establishment of generic pharmaceutical facilities and commercialization.



Mr. Stefan Lohle
Chief Marketing Officer

Mr. Lohle has over two decades of experience in the Pharmaceutical industry. Mr Lohle has been associated with Granules since 2001 and previously was Head of Latin American Operations, where he primarily focused on the PFI Business. Mr Lohle previously served at Kimberly Clark Corporation for New Project Development.

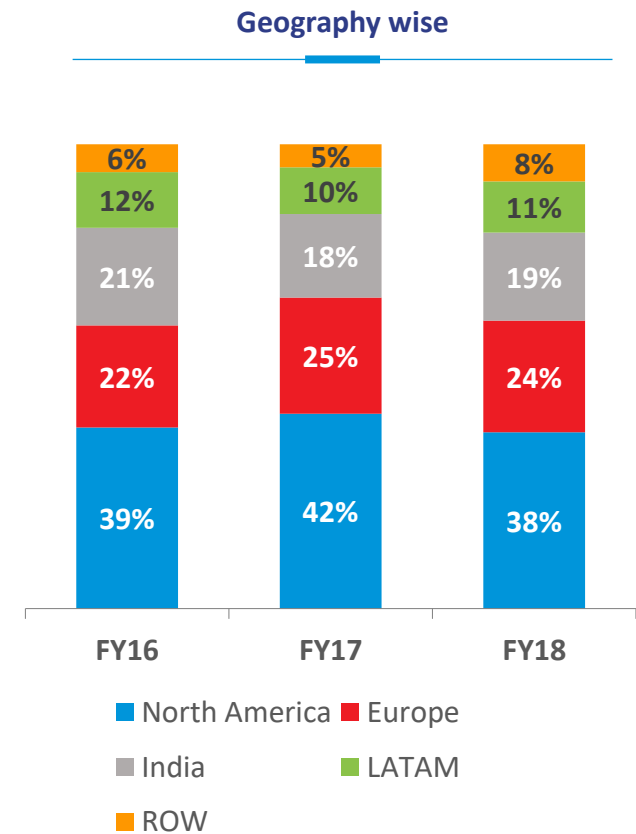
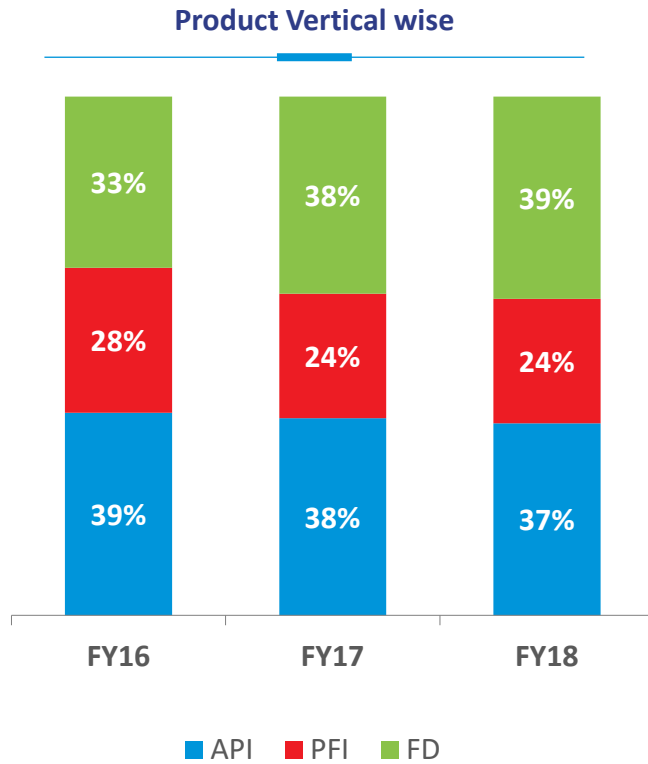


Mr. Atul Dhavle
Chief Human Resources Officer

Mr. Atul Dhavle is a Graduate in Production Engineering from Nagpur University and holds a Postgraduate certificate in Business Management from XLRI. He has over 26 years of experience with reputed organizations like Mahindra & Mahindra, DuPont, Welspun, Dr. Reddy's and handled various assignments in Human Resources and Operational Excellence functions.

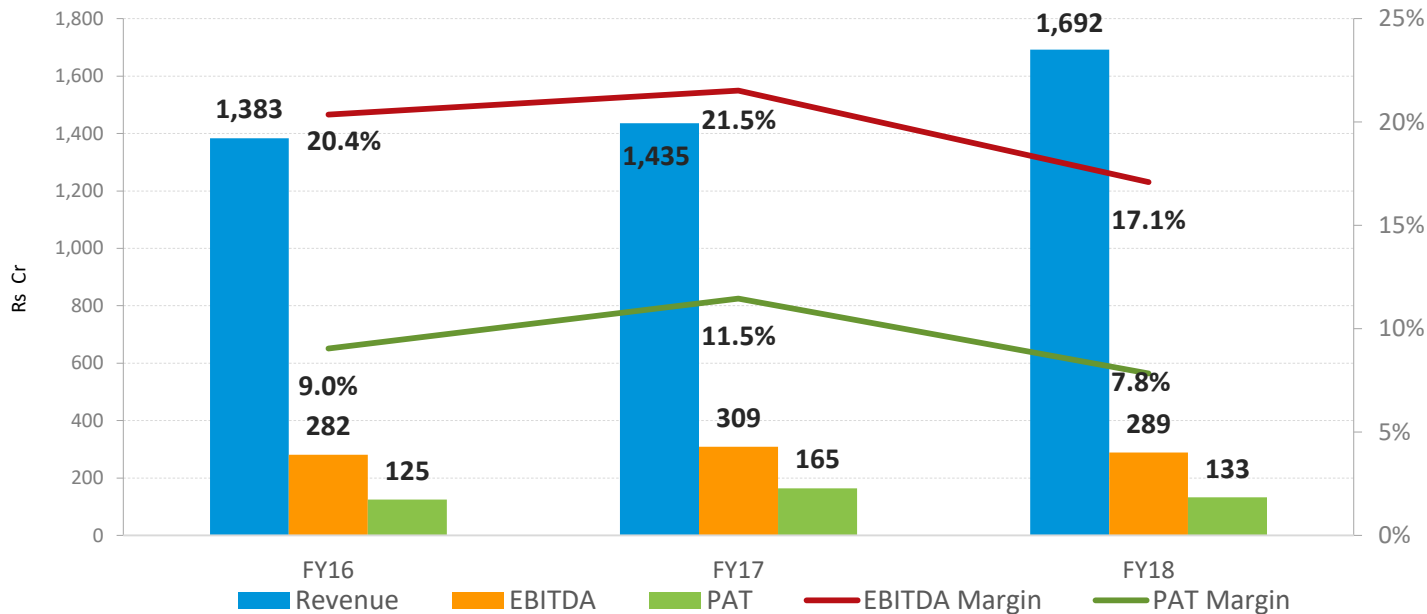
Financial Performance

Consolidated Metrics



Break up of Revenue as per IND AS

Consolidated Financial Overview – Trends



Key Balance Sheet Trends (Rs Cr)

	FY 16	FY 17	FY 18
Net Worth	662	904	1,304
Capital Employed	910	1,086	1,758
Total Assets	1,563	1,876	2,644

Future Value Drivers

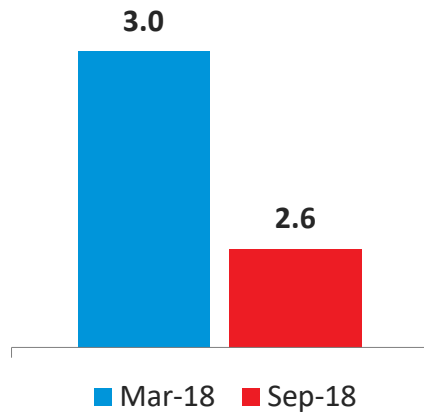
Optimal Utilization
of Core Business
installed capacities

Scale-up of
Granules
Pharmaceutical Inc

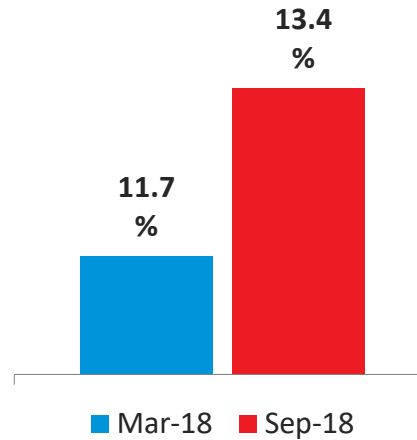
Operationalization of
Multiple API
and
Oncology Block

Balance Sheet Highlights

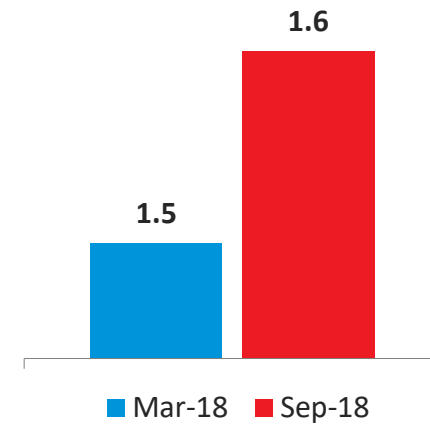
Net Debt to EBITDA



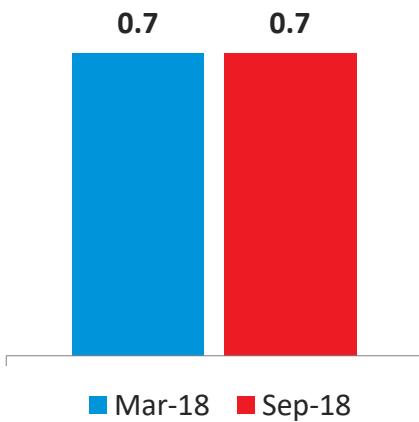
ROCE



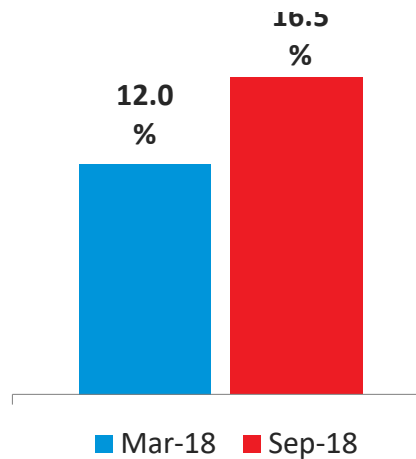
Asset Turnover (x)



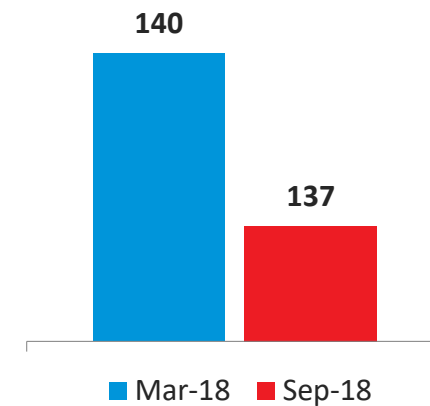
Net Debt to Equity



Return on Equity



Cash to Cash Cycle (Days)



Way Forward

Way Forward

Building Blocks in Place



- Integrated platform in place that can address the entire value chain from intermediates to finished dosages
- Investments in FD including pulsatile drug release, orally disintegrating modified release and abuse deterrent technology platform for controlled substances
- Omnicem JV geared to address high growth opportunity in the CRAMS space

Profitable Growth through Execution



- Expanding portfolio range with addition of differentiated and limited competition products in API/FPI
- Omnicem's established customer base to be major contributor to revenues
- Building portfolio of strong brands in regulated markets

Steady Returns to the Stakeholders



- Financial discipline to a key focus
- Focus on generating operating leverage
- Identifying newer growth avenues to deliver sustainable growth

Huge Economies of Scale

Foundation of Quality & Compliance

Experienced and Proven Management team





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