## NATCO Pharma Limited Expanding Horizons

### Investor Presentation August 2016



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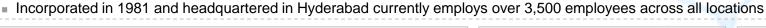
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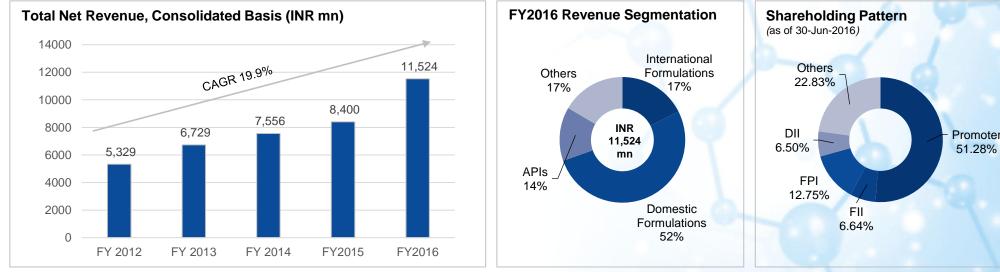
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### NATCO Pharma at a Glance

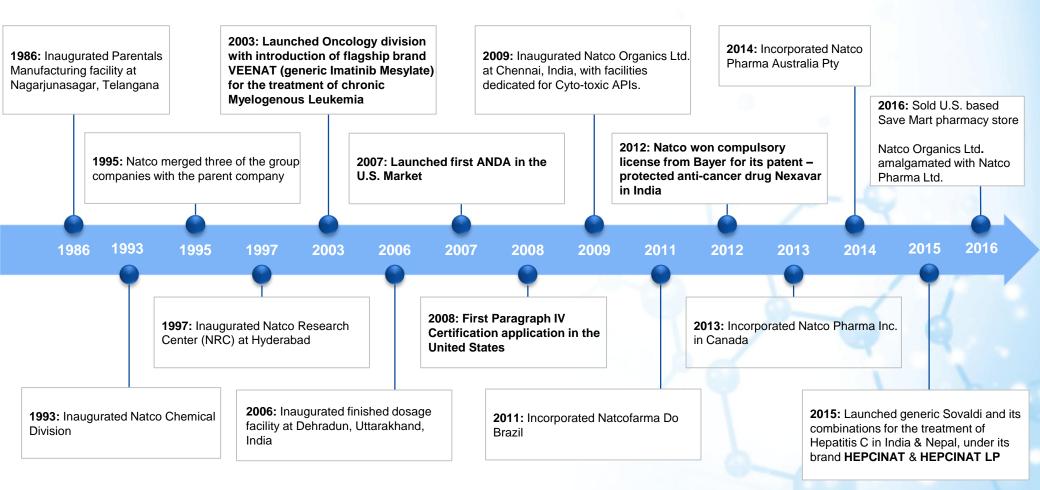
- Vertically integrated pharmaceutical company with focus on niche therapeutic areas and complex products in Finished Dosage Formulations ("FDF") and Active Pharmaceutical Ingredients ("APIs")
- Diversified business model with presence across segments including Domestic & International formulations, API manufacturing and drug discovery
  - Products marketed in over 40 countries
  - Portfolio of 38 niche ANDA filings in the US including 16 Para IV filings and 33 USDMFs filings (as of 31-Mar-2016)
  - Target to file 10+ ANDA's in the US during the next 2 fiscal years.
- Strong position in domestic oncology and gastro hepatology segments
- Portfolio of 27 products (as of 31-Mar-2016) catering to various oncology diseases including breast, brain, bone, lung and ovarian cancer
  - Launched the generic version of Gilead's Sovaldi (Sofosbuvir) and its combinations under its brands HEPCINAT and HEPCINAT LP for the treatment of Hepatitis C
- Strong R&D capabilities supported by two well equipped research centres and seven approved manufacturing facilities (five formulations and two APIs)







### **Company Evolution**





### **Key Business Segments**

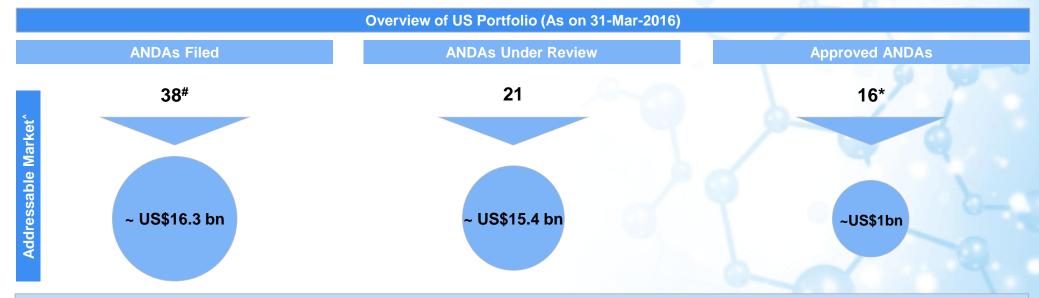
	Formu	lations	ΑΡΙ	Others
	International	Domestic	(Domestic & Exports)	Others
Overview	<ul> <li>Portfolio of niche and complex products for US</li> <li>38 niche ANDA filings in the US         <ul> <li>16 product approvals (including 3 tentative approvals)</li> <li>21 products under review</li> </ul> </li> <li>Emerging presence in Canada, Brazil, Europe, Asia, Australia and RoW markets</li> </ul>	<ul> <li>Leading Player<sup>1</sup> in India's generic oncology space led by flagship brands like Geftinat, Erlonat, Veenat, Sorafenat and Bortenat</li> <li>Specialist sales force of 200+ personnel and over 490 distributors</li> <li>Heralds a new beginning in the gastro-hepatology therapy segment with the launch of Hepcinat</li> </ul>	<ul> <li>Filed 33 DMFs in US with over 16 products under development</li> <li>Vertically integrated for most of its FDF products</li> <li>Exports focused on the US, Europe and Brazil</li> </ul>	<ul> <li>Operates one pharmacy store in US (Sold on April 7, 2016)</li> <li>Operates in Brazil, Canada, Singapore and Australia through following subsidiaries: <ul> <li>Natco Farma Do Brazil</li> <li>Natco Pharma (Canada) Inc.</li> <li>Natco Asia Pte Ltd., Singapore</li> <li>Natco Pharma Australia Pty</li> </ul> </li> <li>Selective contract manufacturing business and other operating income</li> </ul>
FY16 Revenue (INRmn)	INR 2311.20 mn *	INR 6341.96 mn #	INR 1627.08 mn *	INR 1580.10 mn
FY16 Revenue Contribution	20%	53%	14%	13%

\* Including Profit Sharing from marketing partners (1) Source: Report On Pharmaceutical Industry by CARE Ratings, 2015 # Gross Revenue



#### Expanding US Footprint Through a Differentiated Product Pipeline of Niche and Complex Products

Pipeline of niche and complex generics products in US
38 ANDA filings including 16 Para IV filings with USFDA (as on March 31, 2016) targeting a combined market of over US\$16.3 bn<sup>\*</sup>
16 approved ANDAs (including 3 tentative approvals)
Adopts partnering strategy to develop and market products for the US with globally renowned pharmaceutical companies



#### Portfolio of 38 ANDAs including 16 Para IV filings some of which are believed to be First-to-file (FTF)

\* Includes 3 tentative approvals; ^ Source: IMS; Based on annual sales of products for 12-month period Jan-2015 to Dec-2015; # One ANDA filing withdrawn



# Expanding US Footprint Through a Differentiated Product Pipeline of Niche and Complex Products (Cont'd)

		Overview of Ke	y Filings			
Key Brand	Molecule	Therapeutic Segment / Indication	Dosage Form	Para IV	Para III	I Market Size (US\$mn)#
Copaxone 20&40mg	Glatiramer 20&40mg	Multiple Sclerosis	PFS	$\checkmark$		4,349.60
Gleevac	Imatinib	Cancer - CML	Tablets	$\checkmark$	-	2,375.38
Gilenya	Fingolimod	Multiple Sclerosis	Capsules	$\checkmark$	0.000	1,765.16
Treanda	Bendamustine	Leukemia	Injection	$\checkmark$		709.70
Nuvugil	Armodafinil	Antidepressants	Tablets	✓	/	482.11
Tamiflu	Oseltamivir Capsules	Influenza Infection	Capsules	~		402.98
Entocort	Budesonide	Crohn's Disease	Capsules		$\checkmark$	370.53
Vidaza	Azacitidine	Myelodysplastic syndrome	Injection		~	238.63
Doxil	Doxorubucin	Cancer, Ovarian	Injection (liposomal)	-	~	202.94
Jevtana	Cabazitaxel	Prostate Cancer	Injection	$\checkmark$	7	■ 137.28
Fosrenol	Lanthanum Carbonate	End stage renal disease	Tablets	~		■ 118.56
Tykerb	Lapatinib Ditosylate	Breast Cancer	Tablets	√		73.89
Revlimid*	Lenalidomide	Multiple Myloma	Capsules	~		997.94
Nexavar*	Sorafenib	Liver, Kidney Cancer	Tablets	~		72.77
Tracleer*	Bosentan	Hypertension	Tablets		~	I 40.25

 US FDF product portfolio is predominantly focused on high-barrier-to-entry products that are difficult to formulate, difficult to manufacture or may face complex legal and regulatory challenges

16 Para IV filings with combined market size of US\$14.0bn<sup>1</sup>

purce: IMS; Based on annual sales of products for 12-month period Jan 2015 to Dec 2015 \* Represents REMS product, Market size estimated from respective Innovator's Annual Report



#### De-risked Business Model through Partnership with Global Pharmaceutical Players

#### **Mitigation Strategy**

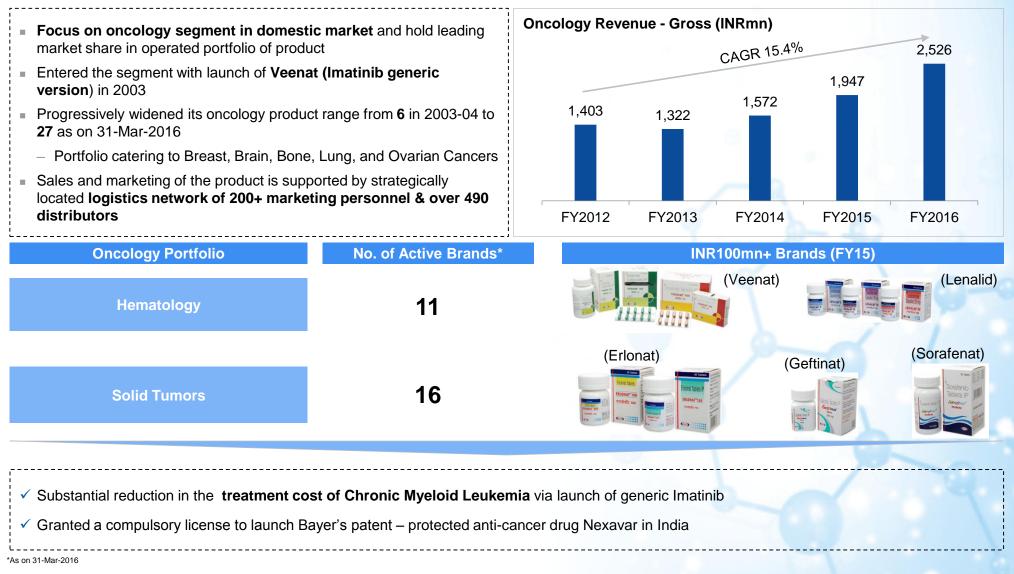


- Adopted and successfully implemented partnership strategy for international formulations product
  - Has product specific partnerships with global generic players at different stages of a potential ANDA filing
  - Entered into de-risked arrangements with marketing partner whereas the partner undertakes the responsibility of lengthy and complex litigation and regulatory issues and securing the ANDA approval
  - Global generic pharmaceutical companies have significant insight into global legal procedures and protocols enabling us to draw on their experience to successfully obtain the necessary regulatory approvals and effectively commercialize our products.





### Leading Position in Domestic Oncology Segment





### Leading Position In Domestic Oncology Segment (Cont'd)

Key brands listed: **Supportive Care** Zoldonat Glioma (Zoledronic Acid) Temonat (Temozolomide) Lymphoma **Breast Cancer** Injection Colorado Bendit Fulvenat (Fulvestrant) (Bendamustine) Xtane (Exemestane) Leukemia Veenat (Imatinib) Letronat (Letrozole) Lung Cancer Geftinat (Geftinib) < HCC/RCC/DTC Sorafenat (Sorafenib) **Ovarian Cancer** NATDOX - LP Natdox-LP Myeloma Bortenat (Bortezomib) **Colorectal Cancer** Capnat (Capecitabine)



### **Expanding Presence in Domestic Specialty Pharma Segment**

#### **Domestic Specialty Pharma**

- Portfolio of 13 products catering primarily to Gastroenterology, Orthopaedics and Critical Care/CNS
- Currently products in oral and injectables dosage forms
- Select contract manufacturing assignments



#### Sovaldi Opportunity

- Launched generic Sofosbuvir and its combinations for the treatment of Hepatitis C in India & Nepal under its brand HEPCINAT & HEPCINAT LP
  - Medicine used for chronic hepatitis C infection and sold globally by Gilead Sciences, Inc., under its brand Sovaldi
- Non-exclusive licensing agreement with Gilead Sciences for 101 countries including India reaching a target population of 103 million people
- Launched generic Daclatasvir in India under its brand Natdac
- Non-exclusive, royalty free licensing agreement with Medicines Patent Pool (MPP) and Bristol-MyersSquibb to manufacture and sell generic versions of Daclatasvir.
- Is one among the generic manufacturers who are first to launch Sofosbuvir, the combination drug Sofosbuvir+Ledipasvir, and Daclatasvir in India, thus is amongst the market share leaders in India

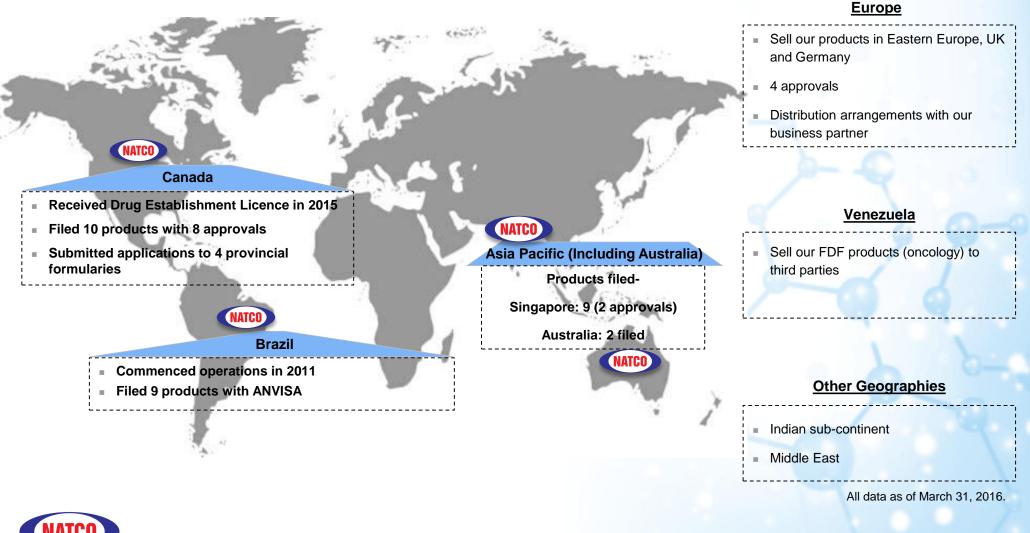
#### **Overview of Key Non-Hepcinat Products**

	Products	Active Ingredient	Dosage Form	Therapeutic Area
	Natzold	Zoledronic Acid	Infusion Solution	Orthopaedics, Supportive Care
Section 1	Glatimer	Glatiramer Acetate	Injection	Multiple Sclerosis
	Teravir	Tenofovir	Tablets	Hepatitis-B

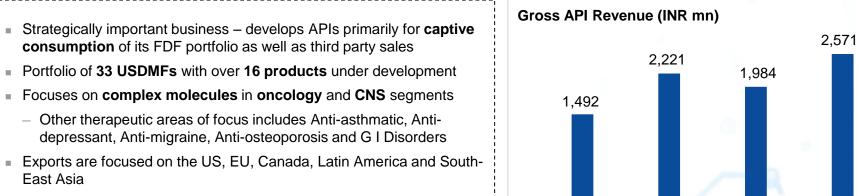


### Expanding Europe & RoW Presence

RoW formulation growth to be driven by launches in EU, scale up in Latin America and Canada and phased launch of generic Sovaldi



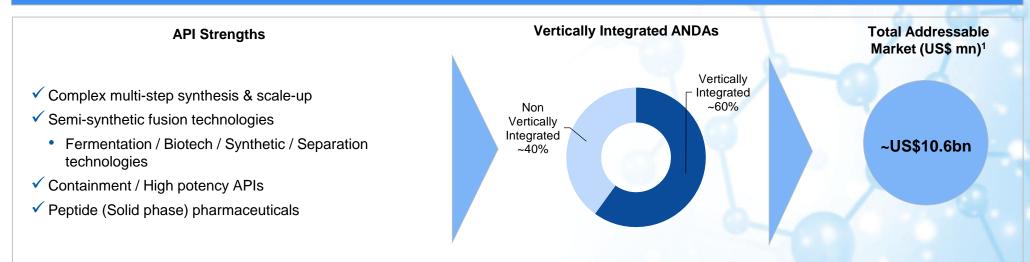
### Strong In-House API Development with Vertical Integration for **Key Formulation Products**



Vertical integration for several APIs a key competitive advantage

1,627 FY2012 FY2013 FY2014 FY2015 FY2016

#### Strategic Advantage with Backward Integration in Critical APIs



(1) Source: IMS. Denotes size of FDF markets of vertically integrated ANDAs



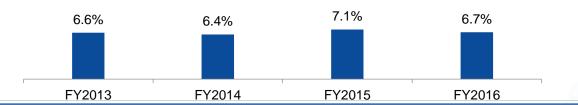
All data as of March 31, 2016.

### **Strong Research & Development Capabilities**

Strong R&D capabilities demonstrated by its complex and niche product filings in formulations and API segments

- Two well equipped research facilities with capabilities across synthetic chemistry, biotech & fermentation, nano pharmaceuticals, new drug discovery & cell biology
  - Currently engaged in discovery and development of two key molecules which are in clinical phase studies - NRC-AN-019 (brain tumour, pancreatic cancer and CML) and NRC-2694 (Breast Cancer); NRC-019 has received orphan drug status in USA

#### R&D as % of Standalone Revenue



Function	No. of Labs	No. of Scientists
Process Research	10	80
Discovery - NCEs (Anti-cancer segment)	2	10
Analytical Development	5	45
Therapeutic Peptides	3	15
New formulation / Cell Biology / Animal house Toxicology / Molecular modeling & RDD	5	40
Biotechnology & Fermentation	3	15
Containment labs for high potency products	2	10
Bio-Analytical lab	2	10
NDDS & nano-pharmaceuticals	2	15
Development & Quality Assurance	1	10

#### 16 ANDAs Approved (including 3 tentative approvals) 16 Para IV Filings

#### 33 US DMFs Filed Over 16 API products Under Development



181 International Patents Filed 114 International Patents Granted

### 177 Indian Patents Filed81 Indian Patents Granted

All data as of March 31, 2016.



#### Commitment to Manufacturing Excellence with a Culture of Quality and Compliance

#### Formulations Manufacturing Facilities

#### Kothur Facility



- Capability: Tablets, Capsules, Pellets, Injectables
- Key Regulatory Approvals: GMP, USFDA, German Health Authority, ANVISA
- USFDA audit: Last approval August 2016



- Capability: Ampoules, Vials, Lyophilized vials, Parenterals, Sterile Dry Powders
- Key Regulatory Approvals: GMP

Dehradun Unit 6 Facility



- Capability: Tablets, Capsules, Injectables
- Key Regulatory Approvals: GMP

#### Dehradun Unit 7 Facility

**Capability: Tablets, Capsules** 

**GMP**, Public Health Service of

Key Regulatory Approvals:

the Netherlands (EU GMP)

**API Manufacturing Facilities** 





- GMP Compliant Facility
- Capability: Tablets, Capsules

Formulations Facility Under Progress

#### Vishakapatnam Facility



- Located in a Special Economic Zone (SEZ)
- Capability: Cytotoxic & other Oral Solid Dosages
- Targeted towards US & other International regulated markets



**Mekaguda Facility** 

- Key Regulatory Approvals: GMP, USFDA, German Health Authority, PMDA (Japan), Cofepris (Mexico)
- USFDA audit: Last approval January 2015



**Chennai Facility** 

- Key Regulatory Approvals: GMP
- USFDA audit: Last approval August 2016

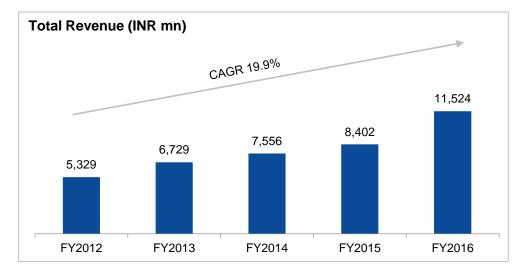


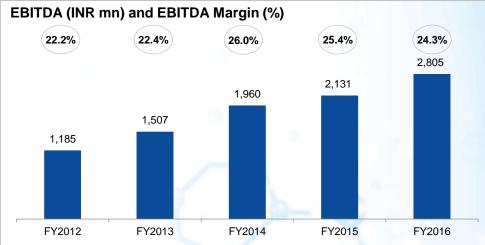
### **Experienced Management**

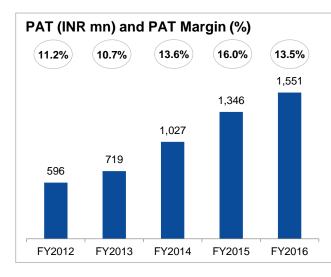
Mr. V.C Nannapaneni Chairman and Director	<ul> <li>Holds Masters degree in Pharmaceutical Administration from the Long Island University, US</li> <li>Over 42 years of experience in the Pharmaceutical Industry</li> </ul>
Mr. Rajeev Nannapaneni Vice Chairman & CEO	<ul> <li>Holds bachelors degree in Quantitative Economics and History from Tufts University, Boston, USA</li> <li>Holds wide experience and exposure in General Management and Product Development</li> </ul>
Dr. A.K.S Bhujanga Rao President (R&D and Technical)	<ul> <li>Awarded Ph.D.in Synthetic Organic Chemistry from the Indian Institute of Science (IISc), Bangalore</li> <li>Wide expertise in technology transfer to commercial scale, quality control regulatory affairs and Patents</li> </ul>
Dr. Linga Rao President (Technical Affairs,	<ul> <li>Holds Masters degree in Science (Applied Chemistry) &amp; Ph.D in Chemistry from JNTU, Hyderabad</li> <li>Over 35 years of experience in the pharmaceutical industry and has been working with Natco for over 21 years</li> </ul>
Mr. P.S.R.K Prasad Executive Vice President	<ul> <li>Holds B.E. Mech. Engg. from Andhra University, Visakhapatnam</li> <li>Responsible for looking after the general administration, engineering, regulatory, training, environmental matters, safety, health, production and maintenance activities of the Company</li> </ul>
M. Adinarayana Company Secretary & VP-Legal & Corporate Affairs	<ul> <li>Bachelors in Commerce and Bachelors in Law from Andhra University, Fellow Member of Institute of Company Secretaries of India</li> <li>22+ years of experience within the Company in legal, secretarial and patent litigation areas</li> </ul>
Mr. S.V.V.N.Appa Rao CFO	<ul> <li>Over 25 years of experience including 20 years within the Company covering areas of accounting, financial controller, treasury</li> <li>Responsible for finance and treasury functions at the Company</li> </ul>
Mr. Rajesh Chebiyam Vice President - Business Development & Corp Suppor	<ul> <li>Holds MBA from Babson College (USA) and Masters degree in Chemical Engineering from University of Rhode Island</li> <li>20+ years of experience across supply chain, operations, business development, sales and strategy</li> </ul>

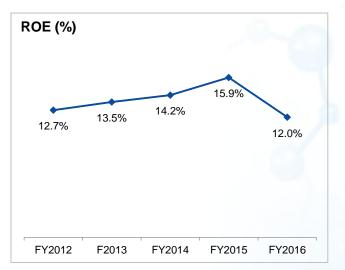


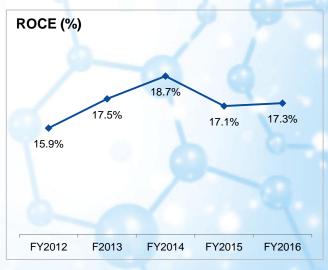
### Demonstrated Track Record of Topline and Earnings Growth













### **Historical Financials**

*···* 

Consolidated Profit & Loss Statement (INR Mn)				
Particulars	31- Mar-16	31- Mar-15	31- Mar-14	
Revenue from operations (gross)	11794	8,382	7,447	
Less : Excise duty	378	129	58	
Revenue from operations (net)	11,416	8,253	7,389	
Other income	108	149	167	
Total revenue	11524	8,402	7,556	
Expenses				
Cost of material consumed	3,037	1,673	1,601	
Purchase of stock in trade	905	843	889	
Change in Inventory	(530)	(92)	(158)	
Employee benefits	1.867	1,369	1,128	
Finance costs	229	317	366	
Depreciation	510	473	304	
Other expenses	3,441	2,326	2,135	
Prior period expenses	0	1	0	
Total expenses	9,458	6,908	6,266	
Profit before exceptional items and tax	2,066	1,493	1,290	
Exceptional item	-	151	-	
Profit before tax	2,066	1,342	1,290	
Current Tax	448	325	323	
Deferred Tax Benefit	31	(310)	(14)	
PAT (Before Minority interest)	1,538	1,303	981	
Minority Interest	(13)	(43)	(46)	
PAT (After Minority interest)	1,552	1,346	1,027	

Particulars Share Capital Reserves and Surplus	<b>31-Mar-</b> 16 348 12,635 <b>12,983</b>	31-Mar- 15 332 8,128	31-Mar- 14
Share Capital	348 12,635	332	
	12,635		
Reserves and Surplus			331
Not Month	12,983	•••••••	6,928
Net Worth	49	8,461	<b>7,259</b> 69
Minority Interest	49	50	
Long-term borrowings Deferred Tax Liabilities	- 144	970 119	955 431
Other Non-Current	144	119	431
Liabilities	8	8	10
Long-term Provisions	125	95	111
Current Liabilities			
Short-term borrowings	984	1,685	986
Trade Payables	2,755	1,253	1,098
Other current liabilities	1,142	1,186	1,022
Provisions	49	13	17
Current Liabilities	4,929	4,137	3,123
Total Liabilities	18,238	13,840	11,957
Tangible Assets	7,046	6,640	6,127
Intangible Assets	89	459	320
CWIP	2,118	1,290	1,238
Non-current Investments	1	16	16
Long Term Loans & Advances	619	570	542
Other Non-Current Assets	42	35	32
Non Current Assets	9,915	9,011	8,276
Current Investments	210	1	3
Inventories	3,573	2,200	1,811
Sundry Debtors	2,616	1,924	1,188
Cash and Bank Balances	451	134	110
Loans and Advances	1,038	551	543
Other Current Assets	435	19	25
Current Assets	8,323	4,830	3,681
Total Assets	18,238	13,840	11,957

	31-Mar-16	31-Mar-15	31-Mar-1
Profit Before Tax	2,066	1,342	1,290
Add: Depreciation and Amortization	510	473	304
Less: Change in Working Capital	(1500)	(860)	(161
Others (inc Tax & Other Adjustments)	(52)	(29)	-
Cash flow from operations	1,024	927	1,440
Net Capex	(1,393)	(1,192)	(1,104
Others	(362)	45	14
Cash Flow from Investing	(1,755)	(1,148)	(1,089
Proceeds from Equity	3,344		1,085
Net Borrowings	(1,993)	714	(911
Dividend Paid	(261)	(199)	(193
Finance Cost Paid	(246)	(299)	(343
Movement in minority interest	12	75	10
Cash Flow from Financing	856	291	(353
Effect of currency adjustments	(8)	(48)	
Net Increase/Decrease in Cash	117	22	\$
Opening Balance	124	102	100
Closing Balance	242	124	102



### Historical Financials (contd.)

Segmental Breakdown (INR Mn)				
Revenue Division	Q1 – FY17	Q1 – FY16	Q1 - FY15	
API, Domestic	8.2	7.4	51.6	
API, Exports	21.2	38.7	29.8	
API Gross Revenue	29.5	46.2	81.4	
Formulations, Exports	38.6	35.9	35.5	
Formulations Onco	73.2	62.4	43.2	
Formulations, Brand Pharma Non Onco	134.4	27.5	1.6	
Formulations, 3rd party, & miscel	20.9	17.3	4.2	
Formulations Gross Revenue	267.1	143.1	84.5	
Total Net Revenue (including service income minus excise duty)	282.0	186.2	162.0	
Profit sharing Income	12.6	2.7	5.2	
Other Operating & Non-Operating Income	19.8	8.0	15.2	
Stand-Alone Total Net Revenue	314.4	196.9	182.4	
Total Revenue, all subsidiaries	16.0	28.7	29.1	
Consolidated Total Net Revenue	330.4	225.5	211.5	

**Consolidated Financial Results (INR Mn)** 

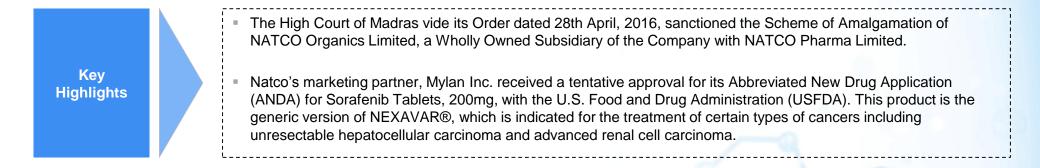
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	Q1 - FY17	Q1 - FY16	Q1 - FY15
Total Revenues	330.4	225.5	211.5
EBITDA	82.4	59.1	58.7
EBITDA Margin (%)	24.9%	26.2%	27.8%
PAT, after minority interest	47.7	28.1	33.5
PAT Margin (%)	14.4%	12.5%	15.8%

The Company adopted Indian Accounting Standards ("Ind AS") from 1 April 2016 and prior period figures have been reclassified wherever required to conform to the classification of the current period.



### Q1 – FY17 Highlights

(April – June 2016)



#### **Financial Highlights**

Oncology

Oncology formulations revenue in India recorded about 17 % growth compared to Q1 of FY16.

**Branded Pharma** 

Branded pharma formulations revenue in India exceeded 300 % growth compared to Q1 of FY16 primarily driven by blockbuster launches of generic Hepatitis C medicines.

#### **Exports**

Exports formulations revenue (including profit sharing arrangement) showed a growth of around 30 % compared to Q1 of FY16.

