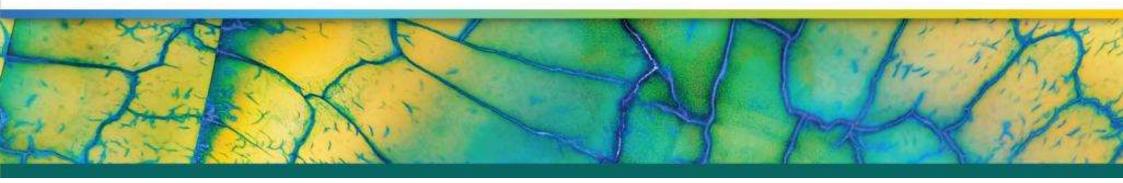


# **Investor Presentation**

May 2022



## Disclaimer



Statements in this document relating to future status, events, or circumstances, including but not limited to statements about plans and objectives, the progress and results of research and development, potential product characteristics and uses, product sales potential and target dates for product launch are forward looking statements based on estimates and the anticipated effects of future events on current and developing circumstances. Such statements are subject to numerous risks and uncertainties and are not necessarily predictive of future results. Actual results may differ materially from those anticipated in the forward-looking statements. Jubilant Ingrevia Limited may, from time to time, make additional written and oral forward looking statements, including statements contained in the company's filings with the regulatory bodies and our reports to shareholders. The company assumes no obligation to update forward-looking statements to reflect actual results, changed assumptions or other factors.

Effective 1st February 2021, Life Science Ingredients business of Jubilant Phormova Limited (earlier Jubilant Life Sciences Limited) demerged to Jubilant Ingrevia Limited and post demerger the consolidated financial results of the Jubilant Ingrevia Limited for the quarter and the year ended 31 March 2021 comprised results only for two months of operations, starting from 1st February 2021.

To provide the comprehensive picture of the operations of the Company on continuing basis the results for previous periods has been presented on Pro-forma basis by using relevant portion of the published results of LSI Segment - Jubilant Pharmova Limited on Pro-forma basis as Under:

- Results for Q4'FY21, and Full year FY21 has been derived on Pro-forma basis from the reported discontinued operations results for LSI segment of Jubilant Pharmova Limited and Audited results for Jubilant Ingrevia Limited as under:
  - For FY 21 by combining the results from 01 April 2020 to 31 January 2021 from the reported discontinued operations for LSI segment of Jubilant Pharmova Limited and Results from Feb 21 to March 21 from the Audited results of Jubilant Ingrevia Limited and for Q4'FY21 by combining the results for January 2021 from the reported discontinued operations for LSI segment of Jubilant Pharmova Limited and Results from Feb 21 to March 21 from the Audited results of Jubilant Ingrevia Limited
- EPS for previous periods has been computed assuming existence of share capital throughout the period NOTES:
  - 1. The numbers for the quarter and Financial year have been reclassified and regrouped wherever necessary
  - 2. Closing Exchange Rate for USD 1 at Rs 73.11 as on March 31, 2021 and Rs 75.79 as on March 31, 2022



# **Jubilant Bhartia Group - Snapshot**



## Jubilant Bhartia Group founded by Shyam S Bhartia and Hari S Bhartia, leading industrialists from India





Strong presence in diverse sectors like Pharmaceuticals, CDMO (Contract Research & Development Services) and Therapeutics, Specialty Chemicals, Nutraceutical Products and other Life Science Products, Performance Polymers, Food Service (QSR), Auto, Consulting in Aerospace and Oilfield Services



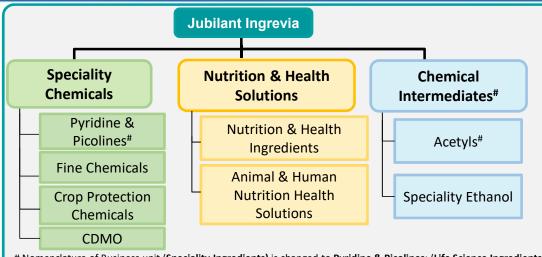
Global presence through investments in India, USA, Canada, Europe, Singapore, China, Sri Lanka and Bangladesh



Employs around 46,000 people across the globe with Over 2,400 in North America

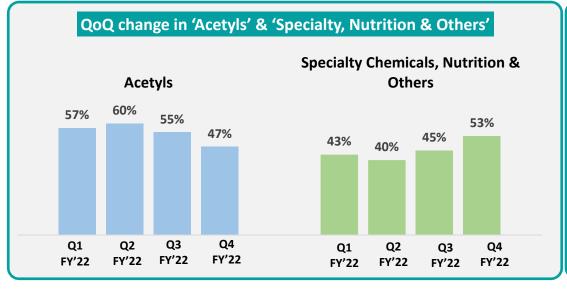
## **Integrated Business Model**

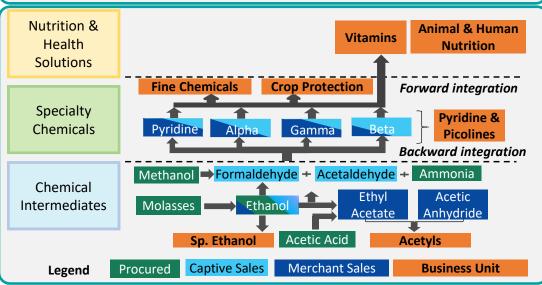




# Nomenclature of Business unit (Speciality Ingredients) is changed to Pyridine & Picolines; (Life Science Ingredients) is changed to Acetyls; and Business segment (Life Science Chemicals) is changed to Chemical Intermediates

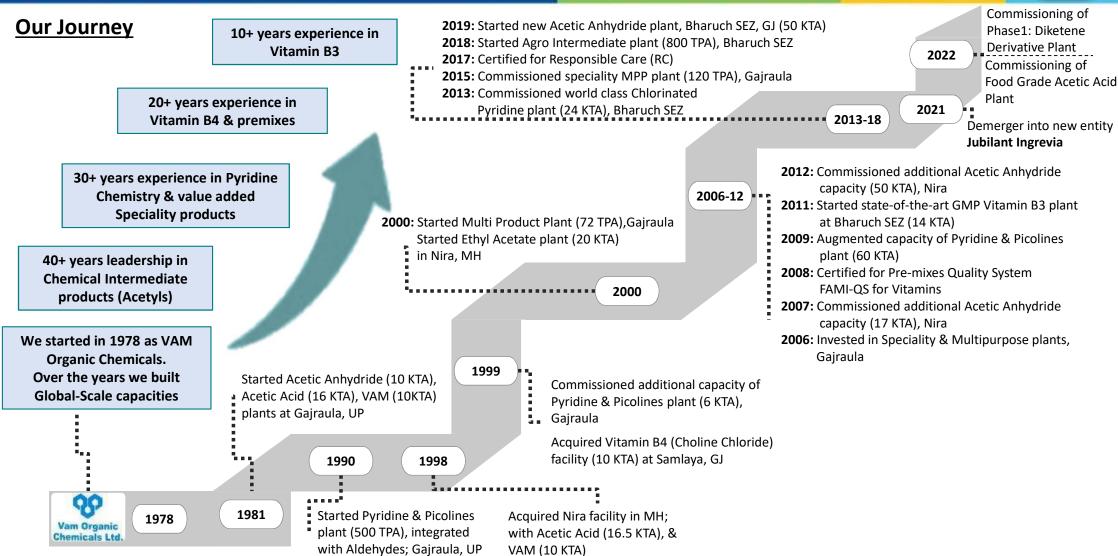
#### **Integrated Operations...** 52% of our Pyridine & Picolines volume is used in-house for valueadded products in Speciality Nutrition & Chemicals & for Vitamin B3 45% of overall volume of Health **Chemical Intermediates** Solutions are in-house consumed by Speciality SC segment 100% in-house sourcing of Chemicals Beta Picoline (Key RM) from Chemical Speciality Chemicals for Intermediates Vitamin B3





## Glorious Four Decades of Growth





## **Company Snapshot**

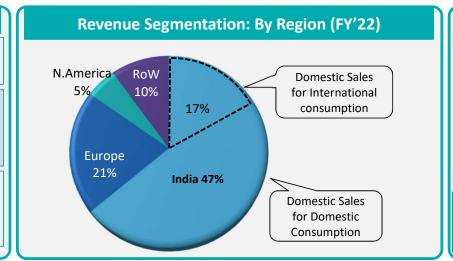


#### Leadership

- Globally # 1 in 17 Pyridine Derivatives
- Globally among Top 2 in (Pyridine + Beta)
- Global Leadership in Niacinamide; Globally among top 2 in Vitamin B3 (Niacin & Niacinamide)
- Leader in India Vitamin B4 (Choline Chloride)

#### Globally

- Amongst top 2 in Acetic Anhydride
- Largest manufacturer of bio-based Acetaldehyde



Total **1400+** customers

• Speciality Chemicals: 420

Nutrition & Health Solutions: 400

• Chemical Intermediates: 600

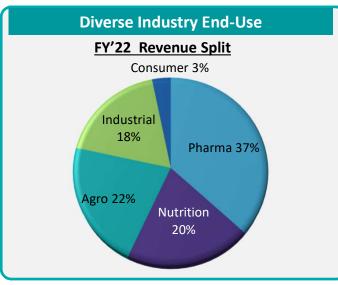
#### Total **165+** products

Speciality Chemicals: 85

Nutrition & Health Solutions: 72

Chemical Intermediates: 8

Sales in over **50** countries with **25% of sales** in regulated markets such as US, Europe, Japan - leading to sustainable revenue



(FY'22) Revenue ₹ 4,949 Cr. EBITDA ₹ 863 Cr. (17.4%) Net Debt / EBITDA 0.21x

platforms which include Acetyl, Pyridine/ Piperidine, Ketene/ Diketene, Halogenation & others (At large commercial scale)

Expertise in 35 Technology

Expertise in handling multistep chemistries (Up to~13 steps) At Commercial scale

Strong Corporate
Governance,
Quality
regulatory &
Compliance

In line with our Vision to double the Revenue by FY'26, we have **60+ Products** in Pipeline.

**5** Global scale Manufacturing sites with **50** plants

Global workforce of **~2100** employees

Offices in India, US, Europe, Japan & China

Source: M&M Report 2020

# **Executive Leadership Team**





Rajesh Srivastava
Chief Executive Officer &
Managing Director
35 years of
industry experience



Anil Khubchandani Co-CEO & WTD Speciality Chemicals 30 years of industry experience



Chandan Singh
Co-CEO
Chemical Intermediates
36 years of industry
experience



Sumit Das SVP – Nutrition & Health Ingredients 30 years of industry experience



Ashish Kumar Sinha VP – Animal & Human Nutrition & Health Solutions 24 years of industry experience



Prakash Bisht
President &
Chief Financial Officer
33 years of
industry experience



**Vijay Kumar Srivastava** President -Operations

23 years of industry experience



Vinita Koul SVP & Head- HR 26 years of industry experience



Prasad Joglekar EVP & Head – Supply Chain 29 years of industry experience

Leadership team has an average ~ 30 years of industry experience

# Multi Location Manufacturing & Operation Excellence



#### **Manufacturing Facilities**



Gajraula, Uttar Pradesh, India

Integrated facility for Speciality Chemicals & Chemical Intermediates



Bharuch, Gujarat, India Speciality Chemicals, Nutrition & Health Ingredients & Chemical Intermediates facility located in SEZ



Nira, Maharashtra, India Chemical Intermediates

**Operation Highlights** 



Samlaya, Gujarat, India Animal Nutrition & Health Solutions



Ambernath, Maharashtra, India **Speciality Chemicals** 

We operate 50 Plants across 5 sites in 3 states

We have enough land available at our existing sites for future expansions

## Multi-Chemistry, Multi-Product and **Process Condition** handling expertise

Large capacities in **Continuous & Batch** processes

## World Class GMP facility at Bharuch

Temp, Humidity & Differential Pressure Controlled Areas with ISO-8 (Class 100,000) Clean rooms

#### cGMP compliant **Pilot Plant**

20 - 1000L Reactors (Glass Assemblies. Cryogenic & Plug Flow reactors, Lyophilizer **Autoclaves** 

## **In-house Utilities**

**Captive Power Plant** (Gajraula), Own Steam Generating Boilers, Chilled Water & Brine Unit

#### **Ecologically Harmonized Practices**

Incinerators, ETPs, Multi Effect Evaporators, Reverse Osmosis, Water **Polishing Plants** 

#### Health & Safety:

benchmarking global performance by Chilworth Dekra- FY'07 & Chola MS-FY'21

Compliance: 3,800+ compliance items through 'EY' Conformity tool

# Research Development & Technology (RDT)



Key Highlights



**3 RDT centers** in Noida, Gajraula and Bharuch



**35 Key technology platforms** developed & commercialized to global standards. Some are unique: Ammoxidation, Grignard etc.

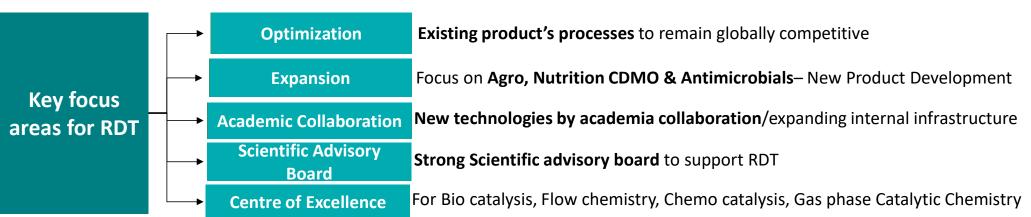


92 highly qualified scientists (22 PhDs)



**60+ Products in Pipeline** for next 4 years

1000s MT 100s MT **MTs Hoffmann Aromatization** Oxidation Bu-Li Sandmeyer **Grignard Fluorination** Kev **Re-arrangement** Reaction **Vapour Phase Bromination** Methylation **Thiol Handling** Ammoxidation, **Technology** Methoxylation **Iodination** Reactions **Ethylene Oxide Platforms** Chiral **Esterification** Quarternisation **Fermentation N-Formylation** Reaction Chlorination / **Synthesis** Photo chlorination **Ketene Technology Hydrogenation** Chichibabin **De-alkylation** 



# End Usage Applications for Pharma, Agrochemicals & Nutraceuticals

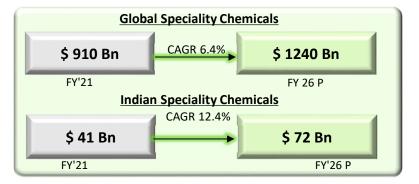


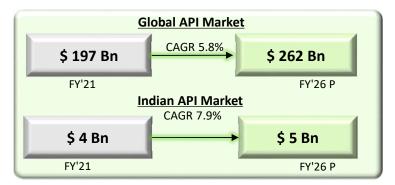
	- A- A-						1776	
Off- Patented Pharma (APIs)	Antipyretic Anti inflammatory	Therapeutic Catego (Used in ~ 53 APIS Analgesic Anticoagulant		Amino	ne, Picoline Pyridines	Our Product Categos Amino M Pyridines Hydroxy Pyridine	ethyl	on-GMP) Chloro/ Bromo/ Fluoro Pyridines Piperidine
r nama (m. 13)	Antibiotics Antihistamine	Anti viral Antidiabetic	Anesthetic Green Solvent	Acetic Azacyo	Anhydride clonol	•	thyl Pyridine & Collidines	Pyridine Aldehyde Ethyl Acetate
Patented Pharma (APIs)	Antimalarial Antiretroviral Anti ulcerative	Therapeutic Catego (Used in ~ 12 API Antidiabetic Anticoagulant Anti viral		Dichlor Amino Derivat	o pyridine Pyrrole	Our Product Cated Halo Azaindole Hydroxy Methylpyridine	AminoChlo Methylpyr Amino Piperidine derivative	oro & Bromo Pyridine ridine Fluoro Phenone Sulphur Pyridine
Agrochemical & Antimicrobial	Insecticide Fungicide Amino Herbicide Antimicrobial Halo Py		ne, Picolines Pyridines yridines Methyl Pyr		Cyano Pyridii	pionic Anhydride		
Nutraceuticals	Nutraceutical ingredients:  Animal Health Solutions: Liver protection, Better Meat quality, Antistress, Egg quality enhancer, Gut health solutions, Immunity Enhancer			1	linates & Hexanic	• •	e Chloride (Vitamin B4), mixes	

# Industry Overview: Presence in Large & Growing Markets<sup>1</sup>

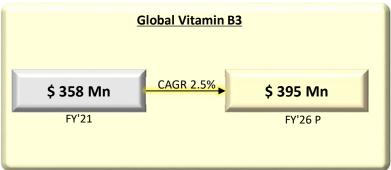








Nutrition & Health Solution\*

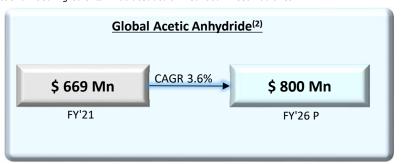




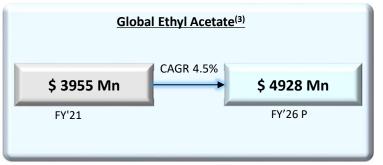
\* Sum of Vit Feed Supplements+ Functional Food Ingredients + Nutraceuticals + Pet Food + Feed Additives

Chemical Intermediates

1) Source: M & M Report 2020



2) Merchant Market; IHS Report



3) Frost & Sullivan Report, Benchmark ICIS Prices



# Chairmen's Message on Q4'FY22 Financial Results





Mr. Shyam S Bhartia
Chairman



Mr. Hari S Bhartia
Co-Chairman

"We are pleased to announce that we delivered record financial performance during FY'2022 despite facing severe second wave of pandemic at beginning of the year and then headwinds and volatility in key input raw material and energy prices since last three quarters. We also maintained steady growth in Q4'FY22.

In our **Specialty Chemicals segment** we delivered strong growth led by healthy demand across industry segment. We are also pleased to share that we successfully commissioned Phase-1 of Diketene and Derivatives manufacturing unit at our Gajraula facility. In **Nutrition & Health Solution** we improved our profitability due to higher price realization and improved volume in North America. In **Chemical Intermediates Segment**, we continued the higher sales with Pharmaceutical and Agrochemical customers and recorded healthy growth in the EU. Though profitability of the Acetyls business during Q4 was impacted due to sharp and consistent correction in Acetic Acid prices impacting our inventory, the overall impact of Acetic Acid price on profitability for full year FY'22 was not significant. Our business team continue to work closely with customers to ensure that the increase in input cost is passed on quickly and our supply chain team ensures the uninterrupted supplies and timely deliveries.

Due to advancement in our new product pipelines & CDMO projects, we are pleased to revise our investment plan for growth projects to Rs. 2050 Crore, out of this we have already committed investment in projects worth Rs. 800 Crore till date and now we plan to invest about Rs.1,250 Cr. to be committed between FY'23 & FY'24. These investments will be funded through internal accruals and all these new facilities should be ready for operations by FY'25. We are also glad to share that the Board has recommended a final dividend of 250% i.e. Rs 2.5 per equity share of face value of Re 1 each for the FY'22. This shall result in cash outflow of Rs 39.8 Crore. During the year company has already declared an interim dividend of 250% i.e. Rs. 2.5 per equity share of Rs 1 each and the total dividend for FY'22 works out to be 500% i.e Rs 5.0 Per equity share of Rs 1 each amounting to Rs 79.6 Crore of Cash outflow. We remain fully committed towards the growth aspirations envisioned for the company, and are excited to realise the emerging opportunities going forward in our business segments".

# Financial Highlights<sup>1</sup>: Key Financial Parameters



Highlights Q4'FY22

Highlights Q4'FY21 <sup>2</sup>

₹ 1,296 Cr. Sales

20% YoY

₹ 1,078 Cr. Sales

₹ 152 Cr.

**EBITDA** 

(25)% YoY

₹ 203 Cr. EBITDA 11.7%

EBITDA (%)

(710) bps

18.8% EBITDA (%) ₹ 69 Cr.

PAT

(28)% YoY

₹ 95 Cr.

**5.3**%

**PAT (%)** 

(355) bps

8.8% PAT (%) ₹ 4.3

**EPS** 

28% YoY

₹ 6.0 EPS

Highlights FY22

Highlights FY21 <sup>2</sup>

₹ 4,949 Cr. Sales

42% YoY

₹ 3,491 Cr. Sales

₹ 863 Cr.

38% YoY

₹ 627 Cr. EBITDA **17.4**%

EBITDA (%)

(50) bps

17.9% EBITDA (%) ₹ 477 Cr.

**PAT** 

51% YoY

₹ 316 Cr.

PAT

9.6%

**PAT (%)** 

58 bps

9.1% PAT (%) ₹ 30.0

**EPS** 

51% YoY

₹ 19.9 EPS

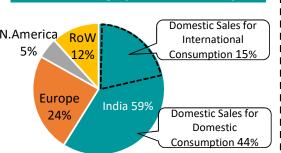
- 1. All figures are in Rs Crore unless otherwise stated
- 2. Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2
  - EPS for previous periods has been computed on combined profits assuming existence of share capital for full period.

# Jubilant Ingrevia – Q4 FY'22 Financial Results Summary

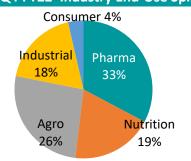


Particulars <sup>1</sup>	Q4'FY21 <sup>2</sup>	Q4'FY22	YoY (%)
Revenue			
Speciality Chemicals	329	444	35%
Nutrition & Health Solutions	199	206	3%
Chemical Intermediates	549	646	18%
Total Revenue from Operations	1,078	1,296	20%
Reported EBITDA	203	152	(25%)
Speciality Chemicals	69	81	17%
Nutrition & Health Solutions	43	50	18%
Chemical Intermediates	105	30	(72%)
Unallocated Corporate (Expenses)/Income	-14	-10	(33%)
PAT	95	69	(28%)
EPS	6.0	4.3	(28%)
Reported EBITDA Margins	18.8%	11.7%	
Speciality Chemicals	21.1%	18.2%	
Nutrition & Health Solutions	21.4%	24.4%	
Chemical Intermediates	19.1%	4.6%	
Net Margin	8.8%	5.3%	

#### Q4'FY22 Geographical Revenue Split



#### Q4'FY22 Industry End-Use Split



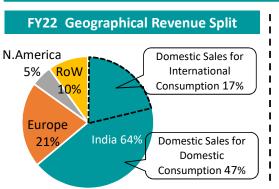
#### **FINANCIAL HIGHLIGHTS**

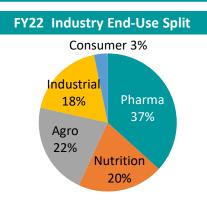
- Revenue grew by 20% on YoY basis, driven by growth in Speciality Chemicals and Chemical intermediate product segments.
- Speciality Chemicals revenue grew by 35% YoY driven by volume growth across products
- Nutrition and Health Solutions business improved the prices in challenging market conditions during the quarter.
- Chemical Intermediates revenue grew by 18% YoY, driven by higher prices of products
- EBITDA at Rs 152 Crore is lower by 25%, mainly due to impact of Acetic acid prices on our inventory and sharp increase in key input prices for Speciality Chemicals and Nutrition & Health Solutions segment which were passed on partially during the quarter.
- The overall impact of Acetic Acid price on profitability for full year FY'22 was not significant (refer detail on slide no 18)
- PAT declined by 28% YoY driven by decline in EBITDA, as explained above.
- ROCE for FY22 improved to 27.8% as against 20.2% in FY21.
- ROE during FY22 stood at 21.9% as against 16.4% in FY21.
- 1. All figures are in Rs Crore unless otherwise stated
- 2. Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2
  - EPS for previous periods has been computed on combined profits assuming existence of share capital for full period. 16

# Jubilant Ingrevia – FY'22 Financial Results Summary



Particulars <sup>1</sup>	FY21 <sup>2</sup>	FY22	YoY (%)
Revenue			
Speciality Chemicals	1,124	1,393	24%
Nutrition & Health Solutions	630	767	22%
Chemical Intermediates	1,738	2,789	61%
Total Revenue from Operations	3,491	4,949	42%
Reported EBITDA	627	863	38%
Speciality Chemicals	268	312	16%
Nutrition & Health Solutions	130	164	26%
Chemical Intermediates	236	417	77%
Unallocated Corporate (Expenses)/Income	-8	-30	278%
PAT	316	477	51%
EPS	19.9	30.0	51%
Reported EBITDA Margins	17.9%	17.4%	
Speciality Chemicals	23.9%	22.4%	
Nutrition & Health Solutions	20.7%	21.4%	
Chemical Intermediates	13.6%	14.9%	
Net Margin	9.1%	9.6%	





#### **FINANCIAL HIGHLIGHTS**

- Revenue grew by 42% on YoY basis, driven by growth across Business segments.
- Speciality Chemicals revenue grew by 24% YoY driven by volume and price growth across products.
  - Speciality Chemical Volume grew by 16% on YoY basis.
- Nutrition and Health Solutions revenue grew by 22% YoY driven by higher volumes and as well as higher prices.
  - Niacinamide volume grew by 9% on YoY basis.
- Chemical Intermediates revenue grew by 61% YoY, Overall driven by higher prices and favorable market conditions, during the majority part of the financial year.
  - Acetic Anhydride Volume grew by 3% on YoY basis.
- EBITDA at Rs 863 Crore, grew by 38% on account of strong performance of all the three product segments.
- PAT grew by 51% YoY driven by growth in EBITDA, aided by reduction in finance cost on account of reduction in Debt and optimization of Interest rates.
- ROCE in FY22 improved to 27.8 % against 20.2% in FY21
- ROE in FY22 stood at 21.9% as against 16.4% in FY21.
- 1. All figures are in Rs Crore unless otherwise stated
- 2. Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2
  - EPS has been computed on combined profits assuming existence of share capital for full period.

# **Acetic Acid Price Volatility Led Stock Impact on EBITDA Margins**



Chemical Intermediates <sup>1</sup>	Q1 FY'22	Q2 FY'22	Q3 FY'22	Q4 FY'22	FY'22
Revenue	673	749	722	646	2,789
Reported EBITDA	184	103	100	30	417
Reported EBITDA %	27.3%	13.8%	13.9%	4.6%	14.9%
Acetic Acid price impact on Business	27	-25	30	-54	-22
Normalised EBITDA	157	128	70	84	439
Normalised EBITDA %	23.3%	17.1%	9.7%	13.0%	15.7%

Jubilant Ingrevia Limited <sup>1</sup>	Q1 FY'22	Q2 FY'22	Q3 FY'22	Q4 FY'22	FY'22
Revenue	1,145	1,223	1,286	1,290	4,944
Reported EBITDA	287	202	222	152	863
Reported EBITDA %	25.1%	16.5%	17.3%	11.7%	17.5%
Acetic Acid price impact on Company	27	-25	30	-54	-22
Normalised EBITDA	260	228	192	206	885
Normalised EBITDA %	22.7%	18.6%	14.9%	15.9%	17.9%

On an annualized basis, Acetic acid price volatility led stock impact had insignificant impact on EBITDA margins

<sup>1.</sup> All figures are in Rs Crore unless otherwise stated

# Debt Profile – As on 31st March, 2022

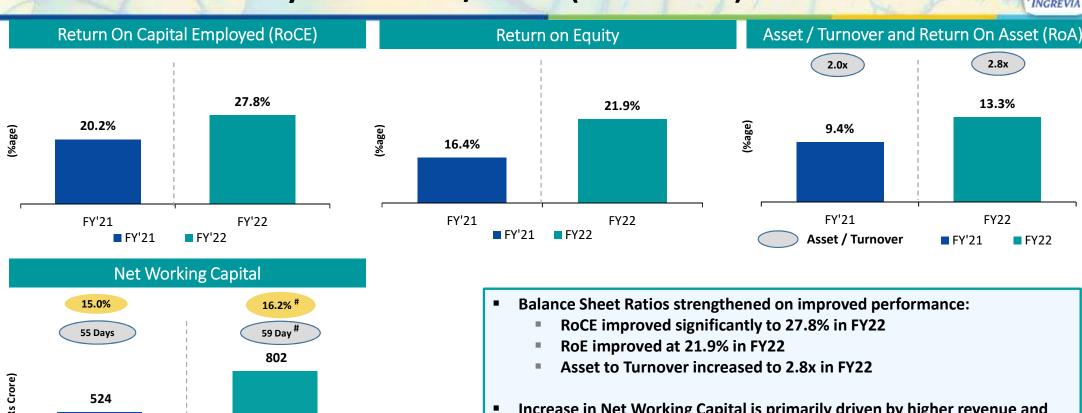


Particulars <sup>1</sup>	31-Mar-21	31-Mar-22
Long Term Borrowings	548	100
Short Term Borrowings	-	129
Total Gross Debt	548	229
Cash & Equivalent	117	49
Total Net Debt	431	181
YoY change		-58%

- Gross Debt reduction by Rs 319 Crore and Net Debt reduction by Rs 251 Crore from 31<sup>st</sup> March 2021.
- Net Debt to EBITDA as on 31<sup>st</sup> March FY22 stands at 0.21 times, from the earlier level of 0.69 times as on 31st March, 2021.
- Closing blended interest rate in Q4'FY22 was 5.73%, as against 7.01 % in Q4'FY21
- CRISIL Ratings has revised its outlook on the long-term Debt of Jubilant Ingrevia Ltd to now 'Positive' from earlier 'Stable', while reaffirming the rating at 'CRISIL AA' in May'22.

# Balance Sheet – Key Parameters/Ratios (Pro-Forma<sup>2</sup>)





# The Net Working Capital %age to Turnover & No of days on the basis of Q4'FY22 Annualized Turnover are 15.5% & 56 Days respectively

FY22

% to Annualized Turnover No of Days of Working Capital

■ FY'21 ■ FY22

FY'21

 Increase in Net Working Capital is primarily driven by higher revenue and higher Raw material prices.

- 1. All figures are in Rs Crore unless otherwise stated
- 2. Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2



## **Speciality Chemicals – Segment Snapshot**

Globally among Top 2 in

(Pyridine+Beta);

Globally #1 in 17 Pyridine

Derivatives



#### 85+ Products

(Pyridines & Picolines, Cyanopyridines, Piperidines, Aminopyridines, Lutidines)

> Market size Jubilant **Products** (excluding Diketene): \$ **1277** Mn

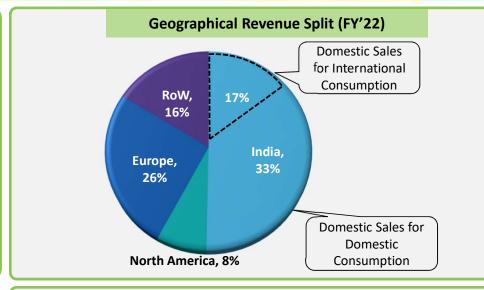
Jubilant's Share: 14% Market size Diketene Products: \$195 Mn

26 plants across 3 Sites

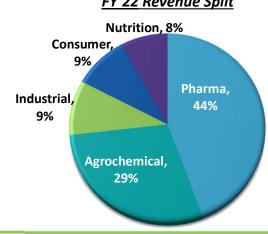
Products are REACH, HALAL & KOSHER

Globally **lowest cost** producer of Pyridine offering significant long term advantage

certified



## **Diverse Industry End-Use** FY'22 Revenue Split













Paints & Coatings



**Microbial Control** 



Solvent

#### "Partner of Choice" to ~420 global customers

Serving 15 of top 20 Global Pharma & 7 of top 10 Global Agrochemical companies

International reach through offices in US, Europe, Japan & China

Around 40% export in regulated markets leading to sustainable revenue

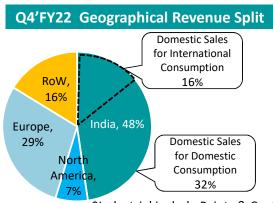
In line with our Vision to double the Revenue by FY'26, we have 36 **Products** in Pipeline.

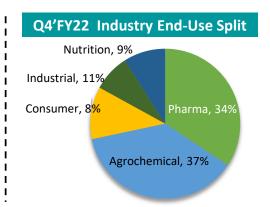
Investment target of ~INR 1,230 Crores by FY'25

# Speciality Chemicals Segment Highlights – Q4 FY'22



Particulars <sup>1</sup>	Q4'FY21 <sup>2</sup>	Q4'FY22	YoY (%)
Revenue	329	444	35%
Reported EBITDA	69	81	17%
Reported EBITDA Margin (%)	21.1%	18.2%	





\*Industrial include Paints & Coatings, Print & Packaging, Solvents etc.

\*\*Consumer include Personal Care, Fragrances etc.

- 1. All figures are in Rs Crore unless otherwise stated
- 2. Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2
- Specialty Chemicals Segment comprises Specialty Ingredients, Fine Chemicals, Crop Protection chemicals & CDMO

#### **FINANCIAL HIGHLIGHTS**

- Specialty Chemicals revenue grew by 35% on YoY basis driven by higher volume across product segments
- Share of revenue to customers having Agro Chemical end use grew to 37% of Revenue from 28% earlier registering a growth of 81% YoY
- Revenue from Nutrition end use also improved during the quarter

#### **EBITDA**:

■ EBITDA increased by 17% on YoY basis, and EBITDA Margin decreased to 18.2% vs 21.1% in Q4′FY21, mainly driven by higher input costs which we are in the process of passing on.

#### **BUSINESS HIGHLIGHTS**

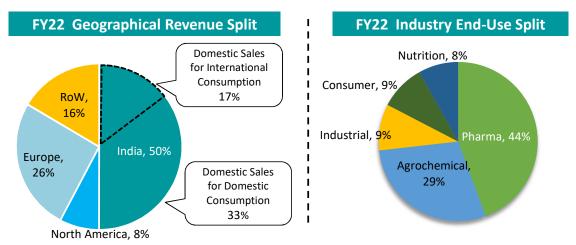
- We witnessed positive traction of demand from both domestic as well as international customers
- Working with customers our business team attempted passing on most of the input cost increase.
- Global logistic challenges continued, however our supply chain team ensured on-time deliveries to customer leveraging our large volume and long-standing relationship with shipping and transport companies.

# **Speciality Chemicals Segment Highlights – FY'22**



Particulars <sup>1</sup>	FY21 <sup>2</sup>	FY22	YoY (%)
Revenue	1,124	1,393	24%
Reported EBITDA	268	312	16%
Reported EBITDA Margin (%)	23.9%	22.4%	

Products	Volume Growth FY'22
Specialty Chemical	16.0%



<sup>\*</sup>Industrial include Paints & Coatings, Print & Packaging, Solvents etc.

#### **FINANCIAL HIGHLIGHTS**

- Specialty Chemicals revenue grew by 24% on YoY basis driven by higher volume across products and new launches.
- Domestic revenue grew significantly, by 35% percentage share to total revenue increased to 32% from 27% during previous year
- Revenue in North American region increased by 36% on YoY.
- Revenue from customers having Nutrition, consumer and Industrial end-use grew significantly on YoY basis

#### **EBITDA**:

- EBITDA grew by 16% YoY.
- EBITDA Margin were at 22.4% vs 23.9% in FY21, impacted due to higher raw material prices and increase in other input costs.

- 1. All figures are in Rs Crore unless otherwise stated
- Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2
- 3. Specialty Chemicals Segment comprises Specialty Ingredients, Fine Chemicals, Crop Protection Chemicals & CDMO

<sup>\*\*</sup>Consumer include Personal Care, Fragrances etc.

# **Nutrition & Health Solutions – Segment Snapshot**



5 Nutrition Ingredients & 18+ branded solutions

(For Animal Health)

20% Global market share in Vitamin B3; 69% domestic share in Vitamin B4 Global top 2 in Vitamin B3

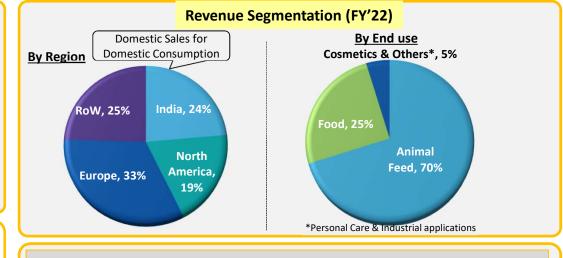
Domestic leader in

Vitamin B4 (Feed)

**100% in-house sourcing** of Beta Picoline (Key RM) for Vitamin B3 via green route

5 Plants across 2 Sites

WHO GMP, FSSAI, HALAL, KOSHER and FAMI-QS certified





"Partner of Choice" to ~400 global customers and has established strong distribution network

Globally, we serve **90+** customers in Cosmetics, **55+** Customers in Dietary supplements & **20+** Customers for Energy Drinks and Breakfast Cereals.

Strategic partnership for the Human Nutrition line of products

**More than half of the exports** in regulated markets leading to sustainable revenue

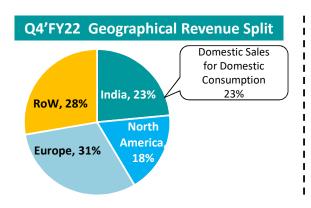
In line with our Vision to double the revenue by FY'26, we have **18 Products** in Pipeline

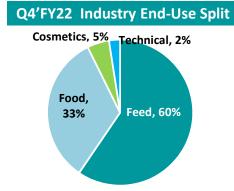
Investment target of ~INR 200 Crores by FY'25

# Nutrition & Health Solutions Segment Highlights – Q4 FY'22



Particulars <sup>1</sup>	Q4'FY21 <sup>2</sup>	Q4'FY22	YoY (%)
Revenue	199	206	3%
Reported EBITDA	43	50	18%
Reported EBITDA Margin (%)	21.4%	24.4%	





- 1. All figures are in Rs Crore unless otherwise stated
- 2. Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2
- 3. Nutrition & Health Solutions Segment comprises, Nutrition & Health Ingredients, Animal Nutrition & Health Solutions, Human Nutrition & Health Solution

#### **FINANCIAL HIGHLIGHTS**

- Growth of Nutritional Business was driven by higher prices.
- Revenue share from North America increased to 19% as against 14% last year
- Food and cosmetics volumes grew significantly

#### **EBITDA**

- EBITDA grew by 18% on YoY basis. EBIDTA margin improved to 24.4% vs 21.4% in Q4′FY21.
- EBITDA margin was higher by 308 basis points on account of improved realisation.

#### **BUSINESS HIGHLIGHTS**

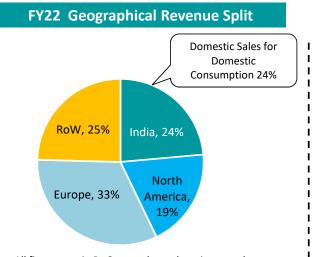
- Price of Niacinamide (Vit B3) during the quarter improved, despite challenging market conditions
- We improved our market share in niche segments like Food & Cosmetics and also enhanced our market share in North America markets.
- Animal Nutrition business continues making efforts to increase share of speciality premixes through various initiatives

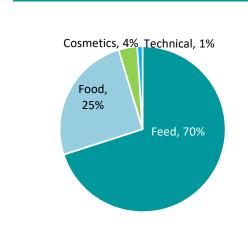
# **Nutrition & Health Solutions Segment Highlights – FY'22**



Particulars <sup>1</sup>	FY21 <sup>2</sup>	FY22	YoY (%)
Revenue	630	767	22%
Reported EBITDA	130	164	26%
Reported EBITDA Margin (%)	20.7%	21.4%	-

Products	Volume Growth FY'22
Niacinamide	9.0%





**FY22 Industry End-Use Split** 

- All figures are in Rs Crore unless otherwise stated
- 2. -- Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2
- 3. Nutrition & Health Solutions Segment comprises, Nutrition & Health Ingredients, Animal Nutrition & Health Solutions, Human Nutrition & Health Solution

#### **FINANCIAL HIGHLIGHTS**

- Nutrition and Health Solutions revenue grew by 22% on YoY basis.
  - Growth of Vitamin Business was driven by higher volumes and improved prices.
  - Animal Nutrition and Health solution business also improved volumes and realization YOY.
- Revenue in North America and EU grew significantly by 78% and 65% respectively.
- Food and cosmetics revenue has gone up significantly with 48% and 56% respectively.

#### **EBITDA**

■ EBITDA grew by 26% on YoY basis. EBIDTA Margin stood at 21.4%, EBITDA improved on account of better realization and higher volumes.

# **Chemical Intermediates – Segment Snapshot**



#### **8 Products**

(Acetic Anhydride, Ethyl Acetate ,Propionic Anhydride, Aldehydes, Speciality Alcohol, Anhydrous Alcohol)

Ethyl Acetate: Among top 2 in Domestic market

Acetic Anhydride:
Globally No. 2 in
Merchant Mkt
No.1 in India
Expected to be Global

leader by FY'24

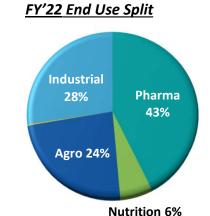
Entered Value added derivative Propionic Anhydride to Replace all imports in India; Also enter international Market

**19** plants across **3** Sites (Multi-location, Multiplant advantage)

Products are REACH, HALAL & KOSHER certified

# Region wise Revenue Segmentation For Segment (FY'22) RoW 3% Domestic Sales for International Consumption Domestic Sales for Domestic Consumption

#### **Diverse Industry End-Use**









Agro



Modified Starch



Packaging & Coatings



Cellulose

Acetate

Polyimide Films



Wood Acetylation



Vitamins

"Partner of Choice" to ~600 global customers European Union is the major deficit market: nearly 90% import dependent for Acetic Anhydride; nearly 70% import dependent for Ethyl Acetate.

India Pharma and Agro applications are estimated to witness strong growth, mainly driven by Paracetamol, Acephate and Ibuprofen.

Shift of manufacturing from China to India will encourage growth in various industrial applications in India.

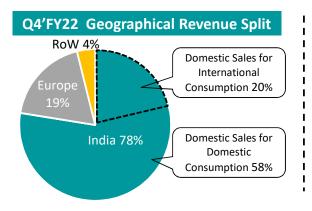
In line with our Vision to double the Revenue by FY'26, we have **7 Products** in Pipeline

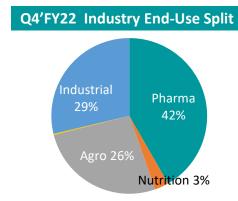
Investment target of ~ INR 620 Crores by FY'25

# Chemical Intermediates Segment Highlights – Q4 FY'22



Particulars <sup>1</sup>	Q4'FY21 <sup>2</sup>	Q4'FY22	YoY (%)
Revenue	549	646	18%
Reported EBITDA	105	30	(72%)
Reported EBITDA Margin (%)	19.1%	4.6%	





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- Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2
- 3. Chemical Intermediates Segment comprises, Life Science Ingredients and Speciality Ethanol

#### **FINANCIAL HIGHLIGHTS**

- Chemical Intermediates revenue grew by 18% on YoY basis
  - Chemical Intermediates revenue growth was driven by higher prices of Ethyl Acetate and Acetic Anhydride. Driven by higher price of feed stock
  - Revenue from Europe, Japan have gone up significantly on YoY basis

#### **EBITDA**

1

- EBITDA was lower due to impact of Acetic Acid prices on our inventory, however overall impact of Acetic Acid price on profitability for full year FY'22 was not significant
- EBIDTA Margin stood at 4.6%.

#### **BUSINESS HIGHLIGHTS**

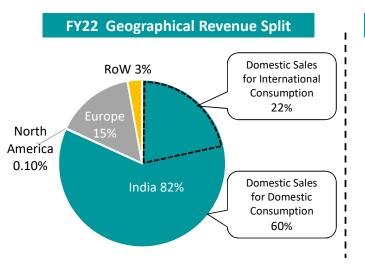
- Acetic Acid Prices fell sharply during the quarter on account of excess inventory build-up in China due to slow demand.
- Maintained domestic market leadership for Acetic Anhydride and Ethyl Acetate and increase market presence in Europe and Asia for Acetic Anhydride.
- Operational efficiencies of plants have improved through Business excellence initiatives.

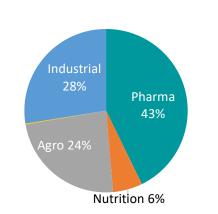
# **Chemical Intermediates Segment Highlights – FY'22**



Particulars <sup>1</sup>	FY21 <sup>2</sup>	FY22	YoY (%)
Revenue	1,738	2,789	61%
Reported EBITDA	236	417	77%
Reported EBITDA Margin (%)	13.6%	14.9%	

Products	Products Volume Growth FY'22		
Acetic Anhydride	3.0%		
Ethyl Acetate	-19.0%		





**FY22 Industry End-Use Split** 

- 1. All figures are in Rs Crore unless otherwise stated
- 2. -- Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2
- 3. Chemical Intermediates Segment comprises, Life Science Ingredients and Speciality Ethanol

#### **FINANCIAL HIGHLIGHTS**

- Chemical Intermediates revenue grew by 61% on YoY basis
  - Chemical Intermediates revenue growth was driven by higher prices and volume growth in Acetic Anhydride.
  - Prices improvement was mainly on account of favorable market condition.
  - Revenue from sales in EU region have gone up significantly by 130% on YoY basis.
    - Share of sales from EU increased to 15% from 11% in FY21

#### **EBITDA**

- EBITDA grew by 77%. Margin stood at 14.9%. Growth in EBITDA margin was driven by
  - Improved product contribution driven by favorable market conditions of Acetic Anhydride.
  - Improved pricing of Ethyl Acetate also contributed to margin expansion.



# Growth Capex Investment Plan - Business Wise (Already Committed & to be Committed)



Committed till date ~ Rs. 800 Crores (FY'22 Cash Outflow ~ Rs.235 Cr.)

# Expected Peak Revenue of Rs. 1750 Crores
From Rs. 800 Crore Investment

#### **Speciality Chemicals**

- **Diketene investment (Phase 1)** Moving up the value chain of Ketene, on growing demand (Q4 FY'22)
- CDMO (GMP) Multipurpose plant
   – For Pharma intermediates
   (Q3 FY'23)
- CDMO (Non-GMP) Two Multipurpose plant for Pharma & Agro intermediates (Q3 FY'23)
- Acetaldehyde Expansion: Backward Integration for Pyridine Beta & Green Acetic Acid (Q3 FY'23)
- MPP Agro Active plant Moving up the value chain of Crop Protection actives & Growing customer demand (Q3 FY'24)

#### **Chemical Intermediates**

- Food Grade Acetic Acid Green Acetic Acid for food applications (Q1 FY'23)
- Acetic Anhydride capacity expansion Growing demand & Geographic expansion (Q4 FY'23)

Additional Capex to be Committed during FY'23 & FY'24~ Rs. 1250 Crores Estimated Cash Outflow

~ (Rs.550 Cr, Rs.650 Cr. & Rs.600 Cr. respectively in FY'23,FY'24 & FY'25) Intended to be funded through internal accruals

# Expected Peak Revenue of Rs. 2750 Crores
From Rs. 1,250 Crore Investment

#### **Speciality Chemicals**

**Proposed Investment: Rs 750 Crores** 

- The above proposed Investment is for expansion of Diketene Derivatives,
   Agrochemical Intermediates, and new green field GMP Plant for CDMO
- Also proposed to be invested in new plants for foraying into Fluorination Derivatives and Agro Actives (Fungicides)

#### **Nutrition & Health Solutions**

**Proposed Investment: Rs 200 Crores** 

 The above proposed investment will be done to set up – GMP complaint Plant for Pharma Grade Vitamin B3, and Plants for enhancing portfolio of Animal & Human Nutrition products.

#### **Chemical Intermediates**

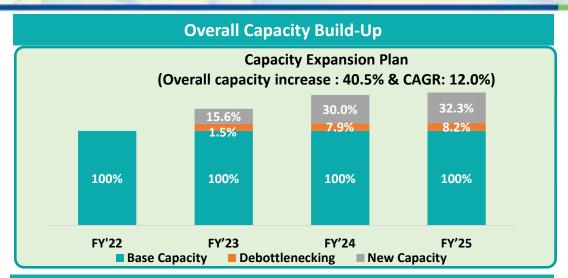
**Proposed Investment: Rs 300 Crores** 

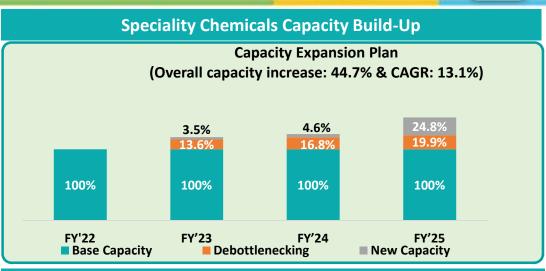
• The above proposed investment will be done to set up a **Grain based Green Specialty Ethanol Plant & Other De-Bottlenecking**.

#: Expected Peak revenue on Prices prevailed at the end of FY22.

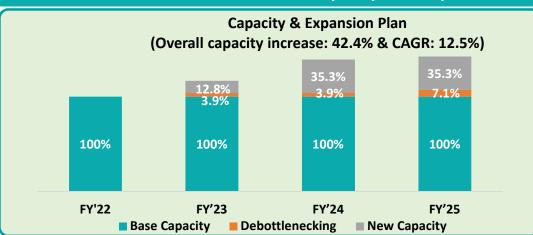
# Capacity Build- Up Plan - FY'22 to FY'25 (over Base of FY'22)



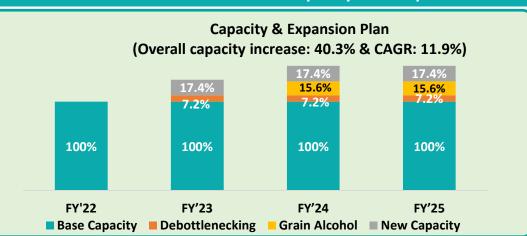




## **Nutrition & Health Solutions Capacity Build-Up**



#### **Chemical Intermediates Capacity Build-Up**

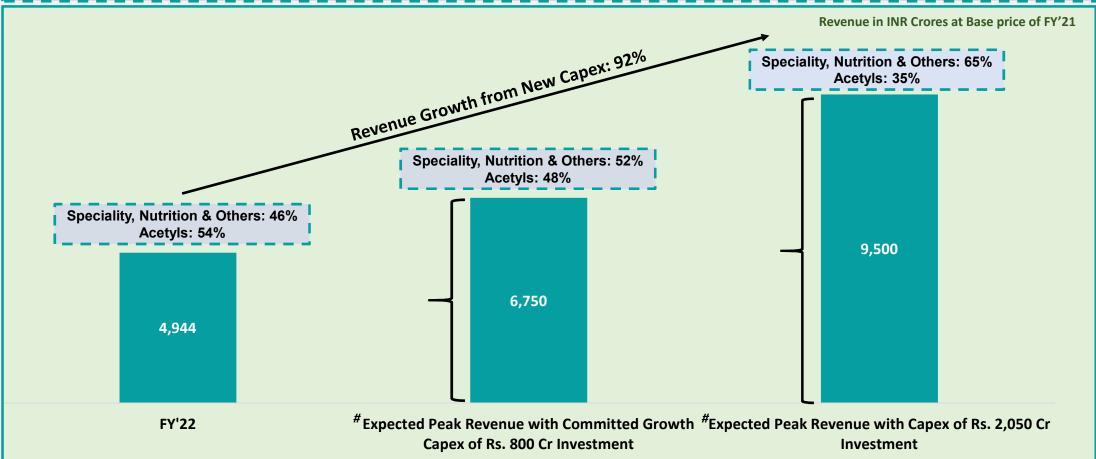


The capacity added during the year has been considered on Annualized Basis

# Structural Shift towards Speciality via Growth Capex Plans







- For committed investment of Rs 800 Cr all plants will be operational by FY'24. For additional investment of 1,250 Cr, all plants will be ready by FY'25.
- In addition to this we would also have growth in revenue from existing facilities.





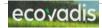




# **Jubilant Ingrevia: Global Accreditation**



Select Certifications		Gajraula	Bharuch	Nira	Samlaya	Ambernath
Respensible Care's	Responsible Care RC 14001:2015	✓	✓	✓		
ISO	ISO 9001:2015	✓	✓	✓	✓	✓
150 22000:2005	ISO 22000:2005	✓	✓	✓		
ISO	ISO 14001:2015	✓	✓	✓	✓	
<b>ISO</b> 45001:2018	ISO 45001:2018	✓	✓	✓	✓	
Issai	FSSAI	✓	✓	$\checkmark$	✓	
FAMIQS	FAMI-QS		✓		✓	
KCI	HALAL KOSHER	✓	✓	✓		
Shanufacti	GMP	✓	✓			
Quality 8	Certification	State	State FDA GMP & WHO			
- Oilthe O. a.	Certification	FDA GMP	GMP			
ISO	ISO 50001	✓	✓			
TOGETHER FOR SUSTAINABILITY	TFS Audit		✓ (FY'19)	✓ (FY'20)		
ISO	/IEC 17025- NABL	✓	✓			



**Certification for Jubilant Life Sciences Ltd.: FY'20 (Gold Category)** 

# **Business Excellence and Digital Transformation**



#### **Belt Competencies (FY'22)**

**Black Belts: 07** 

**Green Belts: 103** 

**Yellow Belts: 95** 

# Business Excellence (18+ years experience)

## **Design Excellence**

Strengthen Development Capability by exploring complete design space and target Right First Time

#### **Tools & Processes**

Theory of Constraints

Quality by Design

Mission
Directed Team

Balanced Scorecard

## **Operational Excellence**

- Removing process inefficiencies
- improve cost effectiveness
- Addressing process variation
- Improve asset utilization

## Six Sigma

Lean

**TPM** 

Process Engineering

#### **Customer Excellence**

- Effective time & cost management for customer's NPD projects
- Analytics for accurate forecasting

## CRM

**Analytics** 

Stage Gate deployment

**Customer Dashboard** 

## **Digital Transformation**

- Our journey started in 2018 with an objective to improve
  - Operational efficiency
  - Business & Supply chain processes
  - customer experience and engagement
- Every project we consider is based on the individual business case



Sustainability

- Energy Demand Forecasting
- Electronic Production Management
- Demand & Production Planning
- Digitally Accelerated Contract Manufacturing



Efficiency Improvement

- Upgradation & Security enhancement of ERP
- Process Automation
- Employee Collaboration
- Digital Factory



Customer Engagement

- Customer Experience
- Digital Sales through Salesforce Automation & Project & Workflow Management Platforms



# Bring Progressive Social Change via Strategic Multi-Stakeholder Partnership



in 2007

Mission: To develop multi-stakeholder sustainable Established models to bring about 'social change' involving knowledge generation & sharing, experiential learning & entrepreneurial ecosystem

1 Million lives

**Aspiring to touch** the Lives through social initiatives

#### **Education**



Benefitting over 100,000 students in 500 govt. primary schools through E-Muskaan (School Digitization), Kushiyon Ki Pathshala (Value education), Muskaan Fellowship (Youth Leadership programme)





## **Improving Health**



• Providing affordable basic & preventive health care to over 6.5 Lakh populations in 437 villages through Jubilant Aarogya (Providing affordable healthcare, Swasthya Prahari (Preventive Health care) enabled with JUBICARE-Tele-clinic platform



## **Escalating Employability**



Working towards providing Sustainable livelihood to 10000 family through Nayee Disha (Skill Development), Samridhhi (SHG & micro enterprise Promotion), **Jubifarm** (Sustainable Agriculture programme)



## Rural **Development**



- Jansanchetna: Resource mapping and disseminating **Emergency Preparedness** plan with neighboring community at all plant locations
- Rural Infrastructure **Support:** As and when required supporting rural infra like Water ATM, Hand pumps. Pond reclamation. School Building, Community Toilet, etc

## **Social Entrepreneurship**



- JBF with the Schwab Foundation recognize & award exceptional individuals in Social **Business**
- Providing business to social enterprises

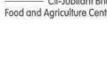




An initiative between CII & Jubilant Bhartia to improve productivity of agriculture and increase farmer income







# **Sustainability Journey**



2001 2021 2005 2009 2013 2015 2002 2003 2008 2010 2019

ISO 14000 Certification Sustainability **Policy Adopted** 

Sustainability Report Released

**Became GRI** Organization Stakeholder Member

**Jubilant Bhartia Foundation CSR** Wing Launched

Change Mitigation and Green **Supply Chain**  **Became UNGC** Signatory and **Participation** in CDP

1st EvoVadis Review conducted

SoFI Sustainability Software Launched

Sustainability **Goals created** aligned with UNSDG

**Dow Jones** Sustainability Index (DJSI)

#### **OH&S Journey**

2020-22

- Safety Culture Transformation from Chola Risk services
- **Developing People Competency**

2018-20

Corporate standards / guidelines started rolling out in order to harmonize and standardize the Safety standards across all the sites. The plan developed till 2025



2010-11

· Sanchetana Portal developed to record field observations and track actions

Leading indicators (Training, near miss reporting, unsafe acts) & lagging indicators (Incidents, frequency rates) monitoring started internally

2007-10

· Safety observation data



- M/s. Chilworth (Dekra) Safety Capability Program started
- · Based on Field safety observations, gaps were identified, improvements implemented and tracked

For more details, visit our Sustainability page: https://jubilantingrevia.com/about-us/sustainability



ecovadis

The Economic Times recognized JVL as India's top company for Sustainability and CSR 2021



Global chemical industry's EHS initiative & Ethical framework towards safe chemicals management and performance excellence





S&P Global for DJSI 2021: **Top 3 Indian Chemical** companies in ESG

2019



**Logistics & Supply Chain** Awards 2019

**Conservation Award** 

FICCI

FICCI Safety Award FICCI Water **Award** 

2016 FICCI Chemicals & **Petrochemicals Awards** 

Award

2016

**Excellence in Energy** 



34% Reduction in Specific Greenhouse Gas Emissions wrt FY'13

34% Reduction in Specific Energy Consumption wrt FY'13

54486 Training man-days were imparted from FY'14

## **ESG Assessment**



## First time participated in S&P DJSI Assessment:

- Achieved 81 %ile in the Global Chemical Industry
- Among the top 20% companies globally
- Among top 3 Indian Chemical companies in ESG score

# Our Vision, Values, Promise and Philosophy



#### **OUR VISION**

- To acquire and maintain global leadership position in chosen areas of businesses
- To continuously create new opportunities for growth in our strategic businesses
  - To be among the top 10 most admired companies to work for
  - To continuously achieve a return on invested capital of at least 10 points higher than the cost of capital

#### **OUR PROMISE**

Caring, Sharing, Growing

We will, with utmost care for the environment and society, continue to enhance value for our customers by providing innovative products and economically efficient solutions; and for our stakeholders through growth, cost effectiveness and wise investment of resources

## **OUR VALUES**









## **OUR PHILOSOPHY**



Caring





Growing

## **For More Information**



#### For Investors:

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**Madison Public Relations** 

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Phone number: +91 9930011602

## Thank you for your time

## **Jubilant Ingrevia Limited**

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# Appendix I: Income Statement – Q4 & FY'22



Particulars <sup>1</sup>	Q4'FY21 <sup>2</sup>	Q4'FY22	YoY (%)	FY21 <sup>2</sup>	FY22	YoY (%)
Total Revenue from Operations	1,078	1,296	20%	3,491	4,949	42%
Speciality Chemicals	329	444	35%	1,124	1,393	24%
Nutrition & Health Solutions	199	206	3%	630	767	22%
Chemical Intermediates	549	646	18%	1,738	2,789	61%
Total Expenditure	878	1,153	31%	3,075	4118	34%
Other Income	3	9	199%	15	31	
Segment EBITDA						
Speciality Chemicals	69	81	17%	268	312	16%
Nutrition & Health Solutions	43	50	18%	130	164	26%
Chemical Intermediates	105	30	(72%)	236	417	77%
Unallocated Corporate (Expenses)/Income	-14	-10	33%	-8	-30	(278%)
Reported EBITDA	203	152	(25%)	627	863	38%
Depreciation and Amortization	32	31	(5%)	125	123	(1%)
Finance Cost	12.0	6	(49%)	71	31	(56%)
Profit / (Loss) from Associates		0	0%		0	
Profit before Tax (Before Exceptional Items)	158	115	(28%)	431	709	
Exceptional Items	13		(100%)	13		(100%)
Profit before Tax (After Exceptional Items)	145	115	(21%)	418	709	69%
Tax Expenses (Net)	50	46	(8%)	102	232	127%
PAT	95	69	(28%)	316	477	51%
EPS - Face Value Re. 1 (Rs.)	6.0	4.3	(28%)	19.9	30.0	51%
Segment EBITDA Margins						
Speciality Chemicals	21.1%	18.2%		23.9%	22.4%	
Nutrition & Health Solutions	21.4%	24.4%		20.7%	21.4%	
Chemical Intermediates	19.1%	4.6%		13.6%	14.9%	
Reported EBITDA Margin	18.8%	11.7%		17.9%	17.4%	
Net Margin	8.8%	5.3%		9.1%	9.6%	

<sup>1.</sup> All figures are in Rs Crore unless otherwise stated

<sup>2. -</sup> Q4 & FY21 is derived on Pro-forma basis by combining reported discontinued operation results of LSI segment of Jubilant Pharmova Limited and audited results of company as explained in Slide 2

<sup>-</sup> EPS has been computed on combined profits assuming existence of share capital for full period.

# **Appendix II - Conference Call Details**



Date : May 17, 2022 Time : 05:00 pm IST

Diamond Pass Log-In	
	To enable participants to connect to the conference call without having to wait for an operator, please register at the below mentioned link.
Pre-registration:	You will receive dial in numbers, passcode and a pin for the concall on the registered email address provided by you.
	Kindly dial into the call on the Conference Call date and use the passcode & pin to connect to call.
Conference Dial-In Numbers	
	+ 91 22 6280 1141
Universal Access:	+ 91 22 7115 8042
Toll Free Number:	USA: <b>1 866 746 2133</b> UK: <b>0 808 101 1573</b> Singapore: <b>800 101 2045</b>
	Hong Kong: <b>800 964 448</b>
Donlay Facility	Available from May 17 to May 24, 2022 <b>Dial in No.:</b> +91 22 7194 5757 / +91 22 6663 5757
Replay Facility:	Playback ID: 52628#