



# METROCHEM

## Product List Q1, FY' 22-23

APIs  
Pellets



17+

Years of Excellence

\$150M

Revenue for FY 2022

3500+

Our current workforce

250+

Team of R&D Scientists

300+

Products in high growth therapeutic categories

2500KL+

With volumes ranging from 0.5KL to 15KL

350+

Reactors ranging from 5L to 15KL

50+

Countries served across the globe



## About

Metrochem is a customer-driven company with a focus on chemistry and innovation. At Metrochem, we understand our responsibility to deliver high quality pharmaceutical products and we keep pushing ourselves to continuously improve and achieve our vision of providing reliable end to end pharmaceutical support in high growth, high impact therapeutic areas.

We began our humble journey in the year 2004, with a single unit Active Pharmaceutical Ingredient (API) manufacturers with 2 products in our pipeline. Quickly, we backward integrated to intermediates by starting our Intermediate manufacturing facility in 2005. We then forward integrated to semi-finished formulations by starting our pelletization facility in the year 2006. Over the course of years, we started 2 more intermediate manufacturing facilities to fulfill our upstream needs.

Since our inception, we focused on generating value through vertical integration and continuous improvement of our infrastructure and manpower. This foresight about the importance of being vertically integrated allowed us to be always one step ahead of the competition.

It helped us better control the quality of the ingredients that go into the final product, have better command on the pricing and be extremely efficient in terms of deliveries. We have also focused on hiring the right, qualified teams to oversee the critical safety, production, QA, QC and Regulatory activities. Over the years, our ground-level efforts, coupled with our expertise in product development, helped Metrochem clear several agency audits such as USFDA, PMDA, WHO-GMP and enabled us to become a strong, reliable and trustworthy brand.

At Metrochem, we never rest. We always push ourselves to achieve bigger and better things. To extend our impeccable service to the global markets and to meet the increasing demand across our portfolio, we have initiated the construction of our green-field 10 acre Vizag facility in 2012. It was built as a gateway to Metrochem's foray into the regulatory markets.

The plant has a reactor volume of 2500KL with a range of 0.5KL to 15KL. The unit is manned by around 1050 well-qualified and experienced pharma professionals. Commercial production commenced in late 2017. As of first quarter of FY 2022-2023, we have filed 47 USDMFs from this facility.



## Research & Development Focus

At Metrochem, we have a strong zeal for innovation and readiness for investments in Research and Development. This attitude has trickled down from the top, with our founder Dr. N.V.Rao being an expert in organic chemistry. We have extensively worked on and delivered new products across a wide variety of therapeutic segments and as a company, we have built strong expertise in new product development.

With R&D efficiency as the core competency, Metrochem expanded its product portfolio from 2 to 300+ within a very short span and this number has been continuously increasing. To date, Metrochem has filed more than 68 patents and 14 patents have been successfully granted.

We also offer Contract Manufacturing, Contract Research, and Custom Synthesis services. We have a stand-alone R&D center located in Hyderabad with State-of-the-art analytical facilities and over 250 scientists. Our R&D focused culture allows us and our team to work with passion and commitment, and therefore efficiently synthesize novel and economical routes.

We have invested \$5 million in 2019 alone to further upgrade our Analytical R&D. Annually, we invest 10% of our revenue in development activities. We also have a dedicated Formulation R&D center and a Process R&D lab that focuses on the application of flow chemistry and chemical engineering principles to improve our manufacturing capabilities.

# GENERIC API PORTFOLIO

PRODUCT NAME	FILED			THERAPEUTIC CATEGORY
	DMF	USDMF	CEP	
Antazoline Hydrochloride	✓	●	✓	Antihistamine
Antazoline Phosphate	✓	✓	●	Antihistamine
Azilsartan Medoxomil Potassium	✓	●	●	Antihypertensive
Bempedoic acid	✓	✓	●	Antihyperlipidemic
Bepotastine Besilate	✓	●	●	Antihistamine
Bilastine	✓	✓	●	Antihistamine
Cinitapride Hydrogen Tartrate	✓	●	●	Gastropokinetic
Clopidogrel Bisulphate (Form I & II)	✓	✓	✓	Antiplatelet
Dabigatran Etexilate Mesylate	✓	✓	●	Antithrombotic / Anticoagulant
Dapagliflozin Propanediol Monohydrate	✓	✓	✓	Antidiabetic
Dapagliflozin Amorphous	✓	✓	✓	Antidiabetic
Dexketoprofen Trometamol	✓	✓	●	Analgesic
Dexlansoprazole (Sesquihydrate & Amorphous)	✓	✓	●	Antiulcerative
Dexrabeprazole Sodium	✓	●	●	Antiulcerative
Dimetindene Maleate	✓	●	✓	Antihistamine
Esomeprazole (Sodium, Magnesium Dihydrate and Trihydrate)	✓	✓	✓	Antiulcerative
Elobixibat Hydrate	✓	●	●	Constipation
Etoricoxib	✓	✓	●	Analgesic
Febuxostat (All Forms)	✓	✓	●	Antihyperuricemia(Gout)
Flecainide Acetate	●	●	●	Antiarrhythmic
Fosfomycin Trometamol	●	●	●	Antibiotic
Fosravuconazole	✓	●	●	Antifungal
Gabapentin	✓	●	●	Anticonvulsant/Antiepileptic
Garenoxacin Mesylate	●	●	●	Antibiotic
Ilaprazole	✓	●	●	Antiulcerative
Imeglimin Hydrochloride	✓	✓	●	Antidiabetic
Itraconazole	✓	●	●	Antifungal

✓ Available    ● Initiated    ● Scheduled    ● Ready to file

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# GENERIC API PORTFOLIO

PRODUCT NAME	FILED			THERAPEUTIC CATEGORY
	DMF	USDMF	CEP	
Ivabradine Hcl	S	S	S	Antianginal
Lacosamide	✓	R	R	Antiepileptic
Lansoprazole	✓	✓	✓	Antiulcerative
Levocetirizine Dihydrochloride	✓	✓	✓	Antihistamine
Loxoprofen Sodium	✓	✓	I	Analgesic
Lurasidone Hcl	✓	✓	R	Antipsychotic
Migalastat Hydrochloride	✓	R	R	Fabry Disease
Montelukast Sodium	✓	I	I	Antiasthmatic
Nicardipine	✓	R	R	Antihypertensive
Omeprazole (Magnesium & Sodium)	✓	✓	✓	Antiulcerative
Oxiconazole Nitrate	✓	✓	R	Antifungal
Ozenoxacin	✓	✓	R	Antibiotic
Pantoprazole (Magnesium, Sodium, Sesquihydrate)	✓	✓	✓	Antiulcerative
Pirfenidone	S	S	S	Idiopathic Pulmonary Fibrosis
Posaconazole	✓	✓	R	Antifungal
Prucalopride Succinate	✓	✓	R	Gastropromkinetic
Rabeprazole (Sodium)	✓	✓	R	Antiulcerative
Ranolazine	✓	R	R	Antianginal
Saxagliptin Hydrochloride	✓	I	I	Antidiabetic
Silodosin (α & β Forms)	✓	✓	S	Benign Prostatic Hyperplasia (BPH)
Stiripentol	S	S	S	Anticonvulsant/Dravet Syndrome
Sulconazole Nitrate	S	S	S	Antifungal
Teneligliptin Hydrobromide Hydrate	✓	✓	R	Antidiabetic
Tofacitinib Citrate	✓	✓	✓	Antirheumatic
Tranexamic Acid	R	S	S	Antifibrinolytic
Vigabatrin	R	S	S	Anticonvulsant/Antiepileptic
Vildagliptin	✓	R	R	Antidiabetic

✓ Available    I Initiated    S Scheduled    R Ready to file

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# ADVANCED API PORTFOLIO

The following products are intended to be supplied solely for uses reasonably relating to the testing and development of information, for regulatory submission, strictly according to the section 107A of the Indian Patents Act,1970.

PRODUCT NAME	FILED			THERAPEUTIC CATEGORY
	DMF	USDMF	CEP	
Alogliptin Benzoate	✓	●	●	Antidiabetic
Apixaban	✓	✓	●	Antithrombotic / Anticoagulant
Apremilast	●	●	●	Antipsoriatic
Canagliflozin Hemihydrate	●	●	●	Antidiabetic
Cenobamate	●	●	●	Antiepileptic
Crisaborole	●	●	●	Atopic Dermatitis
Edoxaban Tosylate	✓	●	●	Antithrombotic / Anticoagulant
Elagolix Sodium	✓	●	●	Pain associated with Endometriosis
Eltrombopag	●	●	●	Thrombocytopenia
Empagliflozin	✓	✓	●	Antidiabetic
Ertugliflozin L-PGA	●	●	●	Antidiabetic
Fingolimod Hydrochloride	●	●	●	Multiple sclerosis/Immunomodulator
Isavuconazonium Sulfate	✓	✓	●	Antifungal
Lasmiditan	●	●	●	Antimigraine
Mirabegron	✓	✓	●	Overactive Bladder
Molnupiravir	✓	●	●	Antiviral
Tedizolid Phosphate	✓	✓	●	Antibiotic
Topiroxostat	✓	✓	✓	Antigout
Trelagliptin Succinate	●	●	●	Antidiabetic
Vonoprazan Fumarate	✓	✓	●	Antiulcerative
Vortioxetine Hydrobromide	✓	●	●	Antidepressant

✓ Available    ● Initiated    ■ Scheduled    ● Ready to file

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# DEVELOPMENT PIPELINE

PRODUCT NAME	STATUS			THERAPEUTIC CATEGORY
	LAB VALIDATION	SCALE UP	PROCESS VALIDATION	
Acotiamide Hydrochloride			✓	Gastroprokinetic
Fenticonazole Nitrate			✓	Antifungal
Lercanidipine Hydrochloride			✓	Antihypertensive's
Efinaconazole		✓		Antifungal
Epalrestat		✓		Diabetic neuropathy
Lifitegrast		✓		Dry Eye Disease
Omecamtiv Mecarbil		✓		Chronic Heart Failure
Rimegepant		✓		Antimigraine
Siponimod		✓		Multiple sclerosis/Immunomodulator
Upadacitinib Tartrate		✓		Antirheumatic
Gliclazide		✓		Antidiabetic
Brexpiprazole	✓			Antipsychotic
Candesartan	✓			Antirheumatic
Faropenem	✓			Antibiotic
Ferric maltol	✓			Antianemic
Lisinopril	✓			Antihypertensive
Niclosamide	✓			Anthelmintic
Ponesimod	✓			Multiple Sclerosis/Immunomodulator
Relugolix	✓			Prostate Cancer, Uterine Fibroids
Vericiguat	✓			Heart Failure
Vibegron	✓			Overactive Bladder

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# PELLETS

## THERAPEUTIC CATEGORY

## PRODUCT NAME

Anti Ulceratives	Omeprazole Pellets - 7.5%, 8.5%, 10%, 12.5%, 15%, 20%, 25%, etc.,
	Esomeprazole Magnesium Pellets - 8.5%, 10%, 15%, 22.5%, 23.5%, 26.67% etc
	Esomeprazole Dihydrate Pellets - 8.5%, 10%, 15%, 22.5% etc.,
	Lansoprazole Pellets - 6%, 7.5%, 8.5%, 10%, 10.5%, 11%, 11.2%, 11.5%, 12%, 14% etc.
	Rabeprazole Pellets - 7.5%, 8.5%, 13.33%, 15%, 17%, 20%, 22.5% etc.,
	Pantoprazole Pellets - 15%, 21%, 22.5% etc.,
	S-Pantoprazole Pellets - 20% etc.,
	Dexrabeprazole Pellets - 8.5%, 10%, 15% etc.,
	Dexlansoprazole Pellets - 8.5%, 10% etc.,
Blended / Combination Pellets	Omeprazole (EC) & Domperidone (SR)
	Pantoprazole Sodium (EC) & Domperidone IR & SR
	Rabeprazole Sodium (EC) & Domperidone (SR)
	Esomeprazole Magnesium (EC) & Domperidone (SR)
Anti Emetics	Itopride HCl (SR) Pellets - 60%
	*Cinitapride Pellets
Anti inflammatory	*Diclofenac Sodium Pellets (SR) - 40%, 50%
	*Diclofenac Potassium Pellets (SR) - 40%, 50%
	*Ketoprofen Pellets (SR) - 70%
Anti Fungals	Itraconazole Pellets - 20%, 22%, 30%, 32.25%, 32.50%, 37%, 40%, 44%, 60%
	*Terbinafine Hcl Pellets
Antiplatelet	Aspirin Pellets - 30%, 50%, 60%
	Clopidogrel Pellets - 30%, 50%, 60%
Antidepressant	*Levomilnacipran Hcl Pellets
	*Fluoxetine HCl Pellets 70%
	Venlafaxine HCl Pellets (SR) - 25%, 33%, 35%
Antihypertensive	*Diltiazem HCl Pellets 50%
	*Metoprolol Succinate Pellets 50%, 60%
	*Telmisartan Pellets
	*Nicardipine Pellets

\* Under Development Any Other Pellets can be developed on request

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# PELLETS

THERAPEUTIC CATEGORY	PRODUCT NAME
Analgesic	*Flurbiprofen Pellets 57.14%
	*Indomethacin Pellets 20%
Alzheimer's disease (AD)	*Galantamine Pellets
	*Donepezil pellets
Antihyperlipidemic	*Atorvastatin Pellets 7.5%, 10.0%
	*Fenofibrate Pellets
Anti Psychotic /Gastroprolinctic	Levosulpiride Pellets - 50%
Anti Psychotic	Duloxetine EC Pellets 16%, 17%, 20%
Benign Prostatic Hypertrophy	Silodosin Pellets - 2%, 4%
	Tamsulosin Pellets (SR) - 0.12%, 0.2%,
Benign Prostatic Hyperplasia (BPH)	*Dutasteride Pellets 0.5%
Iron Deficiency Anaemia	*Iron poly maltose pellets
	*Ferrous Sulphate & Folic acid pellets
Antithrombotic / Anticoagulant	Dabigatran Etexilate Mesylate Pellets - 40%
Anti Spasmodics	*Mebeverine Pellets (SR) - 20%, 40%
Anti Obesity	*Orlistat Pellets - 50%
Antiemetic	*Aprepitant pellets
Anti Asthmatic	*Budesonide Pellets (SR) - 1.0%
Antiasthmatic/COPD	*Theophylline Pellets 70%
Antibiotic	*Ciprofloxacin Pellets 20%
Antiepileptic/DPN/Fibromyalgia	*Pregabalin Pellets 50%
Muscle Relaxants	*Tizanidine HCl Pellets (SR) - 3.5%
BPH(Blended/Combination Pellets)	*Tamsulosin & Dutasteride Pellets
Cough Suppressant	*Oxeladin Pellets
Overactive bladder	*Tolterodine Tartrate Pellets 2.0%
Opioid analgesic	*Tramadol HCl Pellets 10%
Inflammatory bowel disease (IBD)	*Mesalamine Pellets
Immunosuppressant	*Tacrolimus Pellets
Other Pellets	*Combination & speciality Pellets
	Taste Masking Pellets
	Mups
	Micro granules - for direct compression

\* Under Development      Any Other Pellets can be developed on request

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# MUPS

## PRODUCT NAME

## THERAPEUTIC CATEGORY

Omeprazole	Antiulceratives
Esomeprazole	Antiulceratives
Lansoprazole	Antiulceratives
Rabeprazole	Antiulceratives
Pantoprazole	Antiulceratives
Itraconazole	Antifungal

All Combination & speciality Pellets

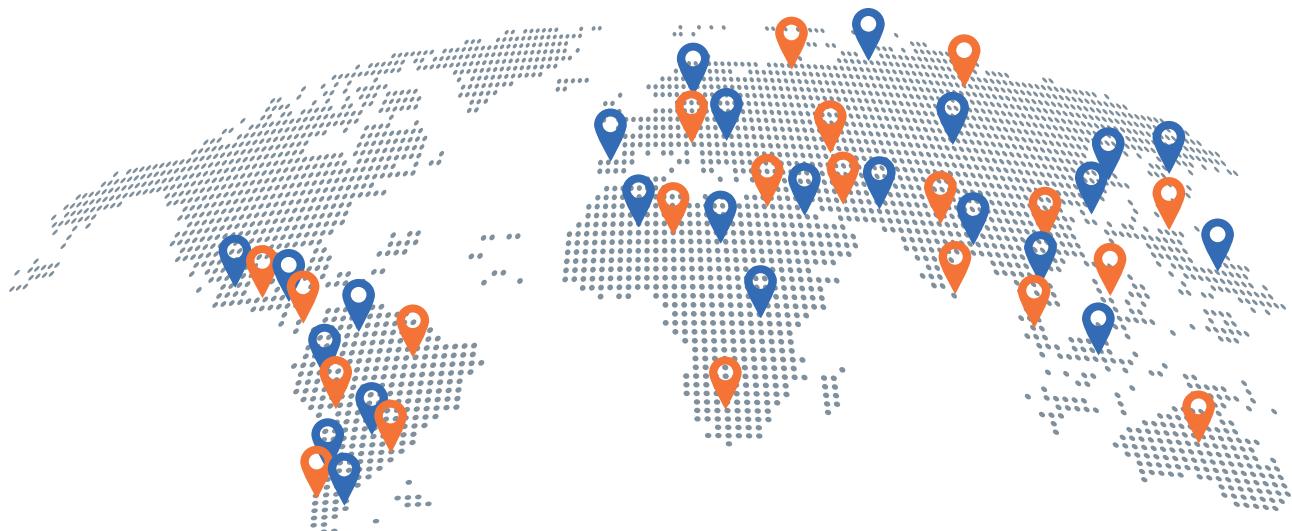
Taste Masking Pellets

Micro granules - for direct compression

*Fully customizable size and strength as per Customer Requirement*



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## Accreditations



**Member of BDMA**  
(Bulk Drugs Manufacturers Association)



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