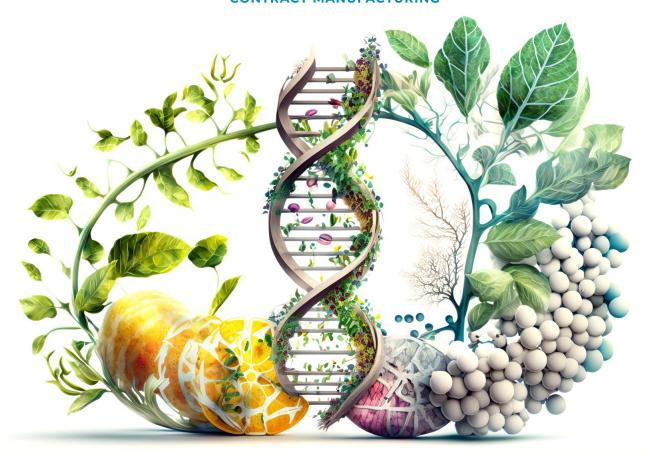


ENZYMES • PROBIOTICS • BIOACTIVES
CONTRACT MANUFACTURING



An Integrated Biotech Company



At Meteoric Biopharmaceuticals we are on a mission to revolutionize the biopharma arena through innovative solutions and unparalleled expertise. Driven by nearly two decades of #innovationthroughdiscovery, we boast global headquarters in India, with strategic offices in the USA and Vietnam. Our advanced R&D centers, comprehensive regulatory accreditations, and robust portfolio of patents and trademarks reflect our dedication to pioneering research and quality. We provide solutions in Enzymes, Enzymatic Preparations, Prebiotics, Probiotics, Synbiotics, Postbiotics, Bioactives, Formulations, and Animal Health Care, offering product customization, concept-based formulations, and contract manufacturing-integrated under one roof.

Our pursuit of excellence and pioneering practices has not only set us apart but has also earned us prestigious accolades year on year, including our selection as the 'Pharma Company of the Year' by ASSOCHAM India 2024, one of the 'Top 100 SMEs of India' by the India SME Forum 2022, the Best Enzymes and Enzymatic Preparations Specialist in Asia as the 'GHP Biotechnology Awards' 2022, based in the UK,CII Industrial Innovation Awards 2022as 'Top 50 Innovative Company', the Nation Builder Recognition from the India SME Forum in 2021. These honors reflect our unwavering commitment towards innovation and our dedication to shaping the future of biopharmaceuticals.

GROUP METEORIC



Meteoric Biopharmaceuticals's Animal Healthcare Division offers high-quality enzymes, probiotics, and nutraceuticals for dairy, poultry, and aquaculture. Focused on enhancing animal health, we provide reliable veterinary feed supplements and innovative enzymatic solutions for better efficacy.



Meteoric Cosmeceutiicals Pvt. Ltd., as part of the Meteoric Group, delivers next-generation cosmetic ingredients, including enzymes and bioactives. Our focus on the skin microbiome drives the development of innovative postbiotics and natural solutions. Backed by advanced research, our solutions provide pioneering innovations for the cosmetic industry.



Panacea PhytoextractsPvt. Ltd. specializes in standardized herbal extracts for biomedicines and cosmetics, emphasizing active metabolites and 100% certified purity. With 28 GMP-certified herbal solutions, we aim to expand R&D collaborations for innovative phytoextracts from indigenous plants.



Established in 2019 as a CSR partner of Meteoric, VISHALWIN Foundation focuses on two key initiatives: VishalCARE, providing rehabilitation for children with neurodiversity, and VishalSAVE, enhancing road safety through ambulance installations and emergency response systems. Our mission is to foster inclusion and support for vulnerable communities across India.





Exports and register to over 120 countries



Specialized in Enzymes, Probiotics, Bio-actives & FDF (Human and Animal)



Serving 1000+ customers worldwide



30+ Probiotics isolated, studied and registered in internationally recognized Gene bank



Expertise in Plant based Enzymes & Vegan Probiotics



Synergetic combinations
with appropriate
Prebiotics and Postbiotics



ACCREDITATIONS

















ENZYMES

METBROMA™ Bromelain

- Odourless and available in Powder, Granules and Pellets form
- · Validated by GDU, USP NF
- · Activity: Available up to 3000 GDU

Serratiopeptidase

- · Powder And Enteric-coated Granules
- · Approved New Dietary Ingredient, 1236
- Enteric Coated Form: High Acid Resistance & Slow-release Technology
- · Activity: Available with 2200 2400 IU/mg

METPAPA™ Papain

- Odorless and Sulphite free
- · Method evaluated by: USP, TU, PU, IP
- Activity: Available up to 1000 TU, 60,000 USP/mg

Alpha Amylase

- · Available in both Fungal and Bacterial source
- Activity: Available up to 1,00,000 U/g

Maltogenic Amylase

- Breaks down starch into maltose, enhancing texture
- Perfect for bakery and brewing applications
- Stable across a broad range of temperatures and pH levels
- Activity: Available up to 1,00,000 U/gm

Isomerase

- Used in the industrial production of highfructose corn syrup
- · Activity: Available up to 2,00,000 IU

Invertase

- Produces non-crystallizable sugar syrup from sucrose
- Activity: Available up to 2,00,000 IU

Pepsin (USP, EP & Injectable grade)

- Registered at CDSCO
- · Evaluated by: IP, EP and USP
- DMF Available
- Activity: 1:3000,1:10,000 and 1:15000 NF U/mg



- · Highly stable and Solvent-free
- Works effectively across a broad spectrum of pH
- Superior bioavailability compared to animalorigin pancreatin
- Free of contaminants such as steroids, antibiotics, and viruses such as TSE/BSE



- · Remarkable stability
- Effective across a wide range of pH levels
- Functions effectively across a wide range of pH levels
- More bioavailable compared to that of pepsin of animal origin
- · Contaminants and solvent free

Alpha Galactosidase

- Destroys cell wall structures, synergizes with other enzymes, and enhances nutrient release
- · Highly stable
- · Activity: Available up to 10,000 GALU

Trypsin-Chymotrypsin

- Reliable enzymatic performance with strict quality control
- · Method evaluated by: USP
- Activity: Available with 6:1



ENZYMES

Trypsin (USP & BP)

- · Breaks down proteins into peptides by cleaving peptide bonds after basic amino acids such as lysine and arginine
- · Stable under recommended conditions, ensuring a long shelf life for reliable use
- · Method evaluated by: USP and BP
- Activity: Available up to 2500 USP/mg, 0.5µk

Chymotrypsin

- · Meets stringent pharmaceutical standards with minimal contaminants
- · Hydrolyzes peptide bonds following aromatic amino acids like phenylalanine, tyrosine, and tryptophan
- · Evaluated by: USP and IP
- Activity: 1000 U/mg

Pancreatin (USP, BP & EP)

- · Registered at CDSCO
- Evaluated by: IP, EP USP and BP
- DMF Available
- · Activity: Available 1X, 4X, 8X, 10X and high lipase in various combinations

Pancreatin Enteric Coated Granules / Pellets

- · Evaluated by: USP and EP
- Activity: Available 10000, 25000 and 40000

Protease (Alkaline, Neutral, Acidic)

- · Active and efficient across diverse pH levels and temperatures, making them adaptable to various processes
- Activity: Maximum available up to 5,00,000 IU/g

NATTOLIFE™ - Nattokinase (also available in EC form)

- · Method evaluated by: JP & Inhouse
- Activity: Available Up to 60,000 FU/g

Lipase

(Rhizopus oryzae, Candida rugosa & Aspargillus Spp.)

- Increase digestibility and utilization of fat, Lay the foundation for later growth
- Activity: Available up to 2,00,000 IU/g

Dextranase

- · Improves heating speed of cane juice, shortens clarification and crystallization time, eliminates the adverse impact of crystallization, improving the production efficiency and sugar yield
- Activity: Available up to 2,00,000 IU

Lactase (Acidic)

- · Heat and pH stable
- Suitable for dairy processing, food production, and pharmaceuticals
- · Available in Powder and Liquid forms
- Activity: Available up to 1,60,000 ALU/g

Lysozyme HCL

- · Efficiently breaks down bacterial cell walls, providing potent antimicrobial activity against a broad range of pathogens
- Enhanced antimicrobial activity and stability
- · Derived from natural sources, such as Hen egg white
- · Activity: Available up to 40,000 IU/mg





ENZYMES

Lysozyme Microbial

- · Significant antimicrobial properties, effectively targeting and breaking down bacterial cell walls
- · Used in medical and therapeutic applications for its antimicrobial and immune-supportive benefits
- Applicable across various industries: pharmaceuticals, food, feed, cosmetics, and agriculture
- Activity: Available up to 5,00,000 IU/gm

Cellulase

- Used in various industries agriculture, textiles, animal feed, biofuel production, food and beverage industry and paper and pulp
- Activity: Available up to 1,00,000 IU/gm

Co-Enzyme Q10

- · Available in USP and EP grade
- Water soluble forms: 10%, 20% and 40%
- · Enhanced bioavailability for effective absorption and utilization
- · Maintains skin elasticity and reducing the appearance of wrinkles by promoting cellular regeneration and reducing oxidative stress
- · Available in reduced form, acting as an active antioxidant

Mannanase (Acidic, Alkaline, Neutral)

- · Used in animal feed, food, bio refinery, textile, detergent, and paper and pulp industries
- Activity: Available up to 3,00,000 IU/g

Glucose oxidase

- · Used in food, beverage, biotechnology, and pharmaceutical sectors
- Activity: Available up to 50,000 IU/g

Pectinase

- · Used in food and beverage, agriculture, textiles, and pharmaceutical sectors
- Activity: Available up to 1,00,000 IU/gm

Transglutaminase

- It is used to improve the texture and appearance of foods like processed meats, dairy products and baked goods
- Activity: Available up to 240 IU/gm

Xylanase

- · Used in agriculture, textiles, animal feed, biofuel production, food and beverage and paper and pulp industries
- Activity: Available up to 5,00,000 IU/gm

Beta Glucanase

- · Used in agriculture, textiles, animal feed, biofuel production, food and beverage and paper and pulp industries
- Activity: Available up to 1,00,000 IU/gm

Hemicellulase

- · Used in various industries agriculture, textiles, animal feed, biofuel production, food and beverage industry and paper and pulp
- Activity: Available up to 1,00,000 IU/gm

Chymosin

- · Rennet enzyme for cheese-making.
- · Efficiently coagulates milk for superior texture
- Used in the dairy industry for high-quality cheese production



ENZYME BLENDS



Each 335 mg contains:

Enteric coated Trypsin	NLT 48 mg
Enteric coated Bromelain	NLT 90 mg
Rutin Trihydrate	NLT 100 mg

Enzyme Blend

1,00,000 IU
50,000 IU
2,00,000 IU
50,000 IU
2,00,000 IU
2,00,000 IU
1,00,000 IU
10,000 GALU
1,00,000 IU
2,00,000 IU
1,00,000 IU
1,00,000 IU
1,00,000 IU



Each 400 mg contains:

Fungal Alpha Amylase	20000 IU
Glucoamylase	1000 IU
Neutral Protease	1600 IU
Protease	1600 IU
Lactase	2000 IU
Lipase	1000 IU
Phytase	1200 IU
Alpha Galactosidase	1000 GALU
Beta Glucanase	1000 IU
Invertase	2000 IU
Cellulase	2500 IU
Maltase	1200 IU
Papain	100 TU



Product Name	Strain Name	MTCC Acc. No	NCBI Acc. No
Bacillus coagulans	МВВСМ9™	MTCC 25157	16S- MN736120
Lactic acid Bacillus			WGS -
Bacillus sporogenous/			JABDSL000000000
Lactobacillus sporogenes			
Wiezmannia coagulans			
Bacillus subtilis	MBBSM12®	MTCC 25292	MW290934
Bacillus clausii	MBBCLM18	MTCC 25400	MW290931
Alkalihalobacillus clausii			
Bacillus amyloliquefaciens	MBBAM3	MTCC 25623	PP196108
Bacillus megaterium	MBBMM24	MTCCXXXX	PP196114
Bacillus licheniformis	MBBLM21®	MTCC 25443	OL440917
Bacillus mesentericus	MBBMEM30	MTCCXXXX	
Bacillus indicus	MB BIM15	MTCCXXXX	
Bacillus pumilus	MBBPM6	MTCCXXXX	
Bacillus polymyxa	МВВРОМ27	MTCCXXXX	
Bifidobacterium bifidum	MBBBM12®	MTCC 25473	
Bifidobacterium longum	MBBBLM15®	MTCC 25474	OP542590
Bifidobacterium lactis	MBBALM27	MTCC 25633	
Bifidobacterium animalis subsp. lactis			
Bifidobacterium Infentis	MBBIM30	MTCC 25651	PP196110
Bifidobacterium longum subsp. infantis			
Bifidobacterium longum bv. Infantis			
Bifidobacterium longum infantis			
Bifidobacterium breve	MBBBRM 60	MTCC 25595	
Lactobacillus acidophilus	MBLAM3®	MTCC 25346	Mn744691
Lactobacillus rhamnosus	MBLRM6®	MTCC 25430	MZ410772
Lactobacillus rhamnosus GG			
Lactobacillus bulgaricus	MBLBM18	MTCC 25592	
Lactobacillus gasseri	MBLGM21	MTCC 25593	OP926020
Lactobacillus reutrii	MBLREM24®	MTCC 25649	OR432316
Lactobacillus plantarum	MBLPM27®	MTCC 25594	
Lactobacillus casei	MBLCM42	MTCC 25650	OR432338
Lactobacillus brevis	MBLBRM45	MTCCXXXX	
Lactobacillus lactis	MBLLM48	MTCCXXXX	

PROBIOTICS

Product Name	Strain Name	MTCC Acc. No	NCBI Acc. No
Lactobacillus salivarius	MBLSM51	MTCC 25747	
Lactobacillus paracasei	MBLCPM54	MTCC 25632	
Lacticaseibacillus paracasei			OR432298
Lactobacillus fermentum	MBLFM33	MTCCXXXX	
Lactobacillus helveticus	MBLHM63	MTCC25744	
Lactobacillus jensenii	MBLJEM66	MTCCXXXX	
Lactobacillus johnsonii	MBLJM69	MTCC 25745	
Lactobacillus crispatus	MBLCM75	MTCC 25746	
Streptococcus thermophilus	MBSTM9	MTCC 25431	MZ410783
Streptococcus salivarius	MBSSM12	MTCCXXXX	
Saccharomyces boulardii	MBSBM6	MTCC 25401	OP925906
Saccharomyces cerevisiae	MBSCM72	MTCC 25736	PP204300
Pediococcus acidalactisi	MBPAM57	MTCC 25743	
Clostridium butryricum	MBCBM81	MTCCXXXX	
Enterococcus faecium	MBEFM36	MTCC 25624	PP195986
Enterococcus faecalis	MBSEFM84	MTCCXXXX	
(Streptococcus faecalis)	MBLLM78	MTCCXXXX	
Lactococcus lactis			
Akkermansia muciniphila	МВАММ87	мтссхххх	

POSTBIOTICS

Bacillus coagulansMBBCM9™Lactobacillus plantarumMBLPM27°Lactobacillus reuteriMBLREM24°Lactobacillus fermentumMBLFM33Lactobacillus acidophilusMBLAM3°Lactobacillus bulgaricusMBLBM18



PROPRIETARY PROBIOTIC BLENDS



Each 450mg contains: 150 Billion

Lactobacillus acidophilus MBLAM3	15 B
Lactobacillus johnsonii MBLJM69	10 B
Lactobacillus reuteri MBLREM24	15 B
Lactobacillus rhamnosus MBLRM6	10 B
Lactobacillus crispatus MBLCM75	10 B
Lactobacillus delbrukispp.bulgaricus MBLBM18	10 B
Lactobacillus plantarum MBLPM27	15 B
Lactobacillus helveticus MBLHM63	10 B
Lactobacillus gasseri MBLGM21	10 B
Bifidobacterium breve MBBBRM60	10 B
Bifidobacterium bifidum MBBBM12	10 B
Bifidobacterium longum MBBBLM15	15 B
Bifidobacterium lactis MBBALM27	10 B

Health benefits



Prevents Bacterial Vaginosis



Promote Urinary Health



Maintains Healthy Vaginal Flora



Reduce The Risk of UTI



Each 450mg contains: 100 Billion

Lactobacillus acidophilus MBLAM3	20 B
Bifidobacterium longum MBBBLM15	30 B
Streptococcus thermophilus MBSTM9	30 B
Lactobacillus plantarum MBLPM27	20 B

Health benefits



Helps in Kidney Functioning



Reduce The Absorption Of Oxalic Acid



Decrease Risk Of Kidney Stone Formation

BIOACTIVES

CLINICALLY PROVEN PROPRIETARY PROBIOTIC BLENDS



Each 450mg contains: 140 Billion

Lactobacillus acidophilus MBLAM3 10 B Lactobacillus brevis MBLBRM45 10 B Lactobacillus casei MBLCM42 10 B Lactobacillus rhamnosus MBLRM6 10 B Lactobacillus paracasei MBLCPM54 10 B Lactobacillus salivarius MBLSM51 10 B Lactobacillus plantarum MBLPM27 15 B Lactobacillus bulgaricus MBLBM18 10 B Bifidobacterium breve MBBBRM60 10 B Bifidobacterium bifidum MBBBM12 10 B Bifidobacterium longum MBBBLM15 10 B Bifidobacterium lactis MBBALM27 15 B 20 B Bacillus coagulans MBBCM9

Health benefits



Restores Healthy
Gut Flora



Improve Digestion



Supports Gastrointestinal Health



Boost Immunity



Each 250 mg contains: 100 Billion

Bacillus coagulans MBBCM9 40 B Bacillus subtilis MBBSM12 30 B Bacillus clausii MBBCLM18 30 B

Health benefits



Helps in IBS and IBD



Supports in Gastrointestinal Disorders



Aids in Digestion



BIOACTIVES

Sodium Hyaluronate (Food, Cosmetic & Injectable Grade)

 Molecular weight ranges from 3k DA – 500 K DA & 0.5 M DA – 3.0 M DA

Hyaluronic Acid

 Available with low pH, Maintain Low and High viscosity

Sodium Hyaluronate from Tremella (Tremelala)

- Average molecular weight of over 1 million Da for long-lasting moisture retention and skin protection
- Easily absorbed by the skin with high water solubility for effective hydration and nourishment

L-Theanine

- Promotes relaxation without drowsiness and supporting mental clarity and stress reduction
- Commonly used in food and dietary supplements
- Assay range: 98.0% 102.0%

L-Glutathione (Reduced & Oxidized)

- · Enzymatic and Fermentation based
- · Complies with USP and EP

L-Glutathione Enriched Yeast Extract

- Extracted from Yeast cellwall and fermentation-based
- Various concentrations: 10%, 15%, 25%, 50%, 70%, 80% and 98%

S-Adenosyl-L-Methionine (SAMe)

- Promotes joint health through antiinflammatory properties
- Suitable for Nutraceutical and pharmaceutical use
- · Available in USP grade

Ademetionine (1,4-butanedisulfonate)

 Ensures sufficient glutathione levels in the liver to minimize liver damage

ATP (Adenosine Triphosphate)

- Suitable for sports nutrition and energy formulations
- · Available with 98%

L-Methyl Tetrahydrofolate Calcium

- Available up to 95.0%
- Supports cardiovascular and mental health

Bile Salt

- Enhances fat digestion and nutrient absorption
- · Available with 60% Cholic acid

Alpha GPC (Alpha-Glycerylphosphorylcholine)

- Assay ranges from 98.0% 101.0%
- Commonly used in food and dietary supplements

Beta Glucan (Yeast, Oat & Mushroom)

- · Soluble and Insoluble form
- Concentrations: 70% and 80%

BIOACTIVES



PQQ (Pyrroloquinoline Quinone Disodium Salt)

- · Supports mitochondrial health and energy production
- · Potent antioxidant with cognitive benefits

Phosphatidyl Choline

- · Supports liver function and fat metabolism
- Available up to 70%

Phosphatidyl Serine

- Versatile ingredient for food and supplements
- Available up to 70%

Chondroitin Sulfate

· Source Available: Bovine Cartilage, Porcine Cartilage, Chicken Cartilage, and Shark Cartilage

N-Acetyl Glucosamine

Assay ranges: 98.0% - 101.0%

N-Acetyl-L-cysteine

- · Essential for making powerful antioxidant alutathione
- Assay ranges: 98.0% 101.0%

Lutein (Oil, Powder, and Beadlets)

- · Available in ester, ester-free, Cold water dispersible, Oil and Lutin + Zeaxanthin forms
- Available in 5% 70% pure form

Lactoferrin

- · Suitable for functional foods, supplements, and infant formulas
- Available with 80%, 90% and 95%

Superoxide Dismutase (SOD)

- · Suitable for dietary supplements and cosmetics
- Available up to 1,00,000 IU/g

Liposomal Glutathione

- · Advanced delivery system for enhanced absorption
- · Supports detoxification and antioxidant defense
- · Perfect for pharmaceutical and cosmetic formulations

Hyaluronidase

- · Enzyme that breaks down hyaluronic acid
- Enhances the absorption of other substances in tissue
- · Widely used in aesthetic and pharmaceutical applications

Lysates

- · Cellular extracts that support skin rejuvenation
- · Promotes wound healing and tissue regeneration
- · Used in skincare, cosmetics, and regenerative medicine

Health care supplements NMN / NMNH / NAD / NADH / NR

Fermentation based products

Intermediate: NAD/NADP

Fermentation based products

IVD:

NAD / NADH / NADP / NADPH / S-NAD

Fermentation based products





Meteoric Biopharmaceuticals is dedicated to offering an exceptional range of contract manufacturing services customized with specialized biological ingredients and nutritional products. Our state-of-the-art facility is equipped to handle a diverse array of formulations, including enzymes, probiotics, and bio-active compounds, as well as vitamin and mineral premix powders.

Strategies For Adaptive Systems

Customization:

- · Collaborate closely with clients to understand unique requirements
- · Develop customized solutions for formulation specifications and packaging preferences

Quality Assurance:

- Adhere to stringent quality control procedures throughout production
- Utilize advanced analytical tools and rigorous testing protocols
- · Ensure compliance with industry regulations and guidelines for safety, efficacy, and consistency

Merging Innovation With Cutting Edge Manufacturing Practices

Scalability:

- · Capable of handling projects from small-scale development to large-scale commercial manufacturing
- · Adapt to evolving client needs with scalable solutions

Flexibility:

- Support various stages of production, from new product launches to optimization of existing formulations
- · Adjust production volumes and formulation requirements as needed

Integrating Environmental And Sustainability Goals

Environmental Impact:

- Implement efficient resource management and waste reduction strategies
- · Adopt eco-friendly technologies to minimize environmental impact

Sustainability Goals:

- Integrate sustainability into manufacturing processes
- Support clients in achieving their own sustainability objectives



Skin Glow Premix

530 mg contain

Talc

Grape Seed Extract 90%

Manganese Sulphate Monohydrate

Ascorbic Acid (Vitamin C) Coated

Colloidal Silicon Dioxide

L-Glutathione Reduced

Alpha Lipoic Acid 80% - Stabilised

Vitamin E 50% Powder

Prostate Health

460 mg contain

Vitamin E 50% Powder

Pumpkin Seed Extract

Colloidal Silicon Dioxide

Magnesium Stearate

Talc

Skin Health

460 mg contain

Beta Carotene 20%

Calcium Pantothenate Coated 83%-Stabilis

Lactoferrin

Vitamin B3 (Niacinamide)

Sodium Selenate

Vitamin B1 (Thiamine Mononitrate)

Vitamin B2 (Riboflavin)

Vitamin B6 (Pyridoxine HCL)

Vitamin E 50% Powder

Zinc Oxide

Horsetail Extract

Pansy Extract

Nettle Extract

Colloidal Silicon Dioxide

Ethyl Cellulose

Magnesium Stearate

MCCP-101

Reduce Anxiety And Stress

1200 mg contain

Ashwagandha 2.5% (HPLC)

Chamomile Dry Ext 5%

Vitamin B6 (Pyridoxine HCL)

L-Theanine

L-Tyrosine

Gamma Amino Bityric Acid (GABA)

Passion Flower Extract

Lemon Balm Herb Extract

5-hydroxy L-tryptophan (5-HTP)

Rhodiola Root Extract

Magnesium Citrate (Monohydrate)

Colloidal Silicon Dioxide

Cross Carmellose Sodium

Ethvl Cellulose

Magnesium Stearate

PVP K 30

Talc

Allergy Relief

265 mg contain

Grape Seed Extract 90%

Quercetin 98%

Colloidal Silicon Dioxide

Magnesium Stearate

Talc

Weight Management

420 mg contain

Garcinia Mangostana (A.mangostin 10% HPLC)

Sphaeranthus Indicus Extract

Flower Hea Colloidal Silicon Dioxide

Magnesium Stearate

Talc





MARKET REACH

Present Across 120 Nations





ENZYMES • PROBIOTICS • BIOACTIVES CONTRACT MANUFACTURING

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