

PIRAMAL NUTRITION SOLUTIONS

YOUR PARTNER TO BUILD A HEALTHY FUTURE



Human Nutrition & Health

maximize formulation possibilities with custom ingredients



Corporate Address:
Agastya Corporate Park,
Kamani Junction, Kurla West,
Mumbai, India -400070

To know more about our wide range of ingredients
and custom solutions, please contact us
✉ nutrition.solutions@piramal.com
🌐 www.piramalpharmasolutions.com

Product Support that Compliments Your Development Journey

Select from an array of ready to offer ingredients, custom blends to R&D samples. Our expertise lies in customizing solutions to help customers differentiate their formulations.

- ▶ Technical support for products customization (on request)
- ▶ Validated methods, processes & facilities
- ▶ Ease of formulation and versatile applications possible
- ▶ Accreditations such as ISO 9001:2015, ISO 14001:2015, ISO 45000:2018, FSSC 22000, HACCP, SQF, SMETA etc.

PRODUCT APPLICATIONS - Human Nutrition & Health



- Food Fortification
- Flour Fortification
- Oils & Fats
- Dairy Products
- Beverages
- Nutraceuticals
- Pharmaceuticals

Our Product Segments

Human Nutrition & Health

- Providing high quality Vitamins and Minerals meet consumer values and formulation needs

Animal Nutrition & Health

- Collaborating with customers to provide transformative, best-in-class and cost-effective animal nutrition solutions

Food Programs

- Leading partner in global malnutrition eradication programs with our micronutrient powders and pre-mixes

Cosmetics

- Experts in providing versatile application solutions for Retinol and its diluted forms

PRODUCT PORTFOLIO

Our wide range of customized blends, versatile product forms are used for fortification of Food & Beverages such as flour, sugar, breakfast cereals, confectionary items, edible oils, vegetable oils, dairy products such as milk, butter, cheese, yogurt, ice creams and much more.

OILY FORMS

- Vitamin A Acetate 1.0/1.5 mIU/g
- Vitamin A Palmitate 1.0/1.7 mIU/g
- Vitamin D₃ 1.0/ 2.0 / 5.0 mIU/g
- Vitamin D₂ 1.0 / 2.0 / 5.0 mIU/g
- Vitamin AD₃ 1000/100 Oily (Blend of Vitamin A 1.0 mIU/g and D₃ 0.1 mIU/g)
- Vitamin AD₂ 1000/100 Oily (Blend of Vitamin A 1.0 mIU/g and D₂ 0.1 mIU/g)
- Vitamin AD₂ 125/10 Oily (Blend of Vitamin A 0.125 mIU/g and D₂ 0.01 mIU/g)
- Vitamin AD₂ 125/22.5 Oily (Blend of Vitamin A 0.125 mIU/g and D₂ 0.022 mIU/g)
- dl-alpha tocopherol (Vitamin E Alcohol 1000 IU/g)
- Nicoxan (Blend of Ascorbyl palmitate, Lecithin & dl-alpha tocopherol)

All variants stabilized with dl-alpha tocopherol | All variants available in 5 Kg packaging

WATER MISCIBLE FORMS

- Vitamin A 100 WM.....Vitamin A 100,000 IU/g
- Vitamin A 10 WM.....Vitamin A 10,000 IU/g
- Vitamin AD₂ 100/20 WM.....Vitamin A 100,000 IU/g & Vitamin D₂ 20,000 IU/g
- Vitamin AD₃ 100/20 WM.....Vitamin A 100,000 IU/g & Vitamin D₃ 20,000 IU/g

All variants stabilized with dl-alpha tocopherol | All variants available in 5 Kg packaging

COLD WATER SOLUBLE - POWDERS

- Vitamin A Acetate 250 CWS*Vitamin A 250,000 IU/g
- Vitamin A Acetate 325 CWS*Vitamin A 325,000 IU/g
- Vitamin A Palmitate 250 CWS*Vitamin A 250,000 IU/g
- Dry Vitamin A Acetate 500 CWS (Veg)...Vitamin A 500,000 IU/g
- Vitamin D₃ 100 CWS*Vitamin D₃ 100,000 IU/g
- Vitamin D₂ 100 CWS*Vitamin D₂ 100,000 IU/g
- Vitamin E 50% CWS.....50% Vitamin E Acetate with modified food starch

**All variants available with modified starch and stabilized with dl-alpha tocopherol | All variants available in 20 Kg packaging*

GELATIN ENCAPSULATED VITAMINS - POWDERS/ BEADLETS

- Vitamin A Acetate 500.....Vitamin A 500,000 IU/g
- Vitamin A Palmitate 500.....Vitamin A 500,000 IU/g
- Vitamin AD₃ 500/50.....Vitamin A 500,000 IU/g & D₃ 50,000 IU/g
- Vitamin D₃ 100.....Vitamin D₃ 100,000 IU/g
- Vitamin D₃ 850.....Vitamin D₃ 850,000 IU/g
- Vitamin D₂ 850.....Vitamin D₂ 850,000 IU/g

All variants available as gelatin encapsulated and stabilized with BHT | All variants available in 25 Kg packaging

MICRONUTRIENT PREMIXES/ BLENDS

- Vitamin and Mineral Blends - Customized combinations of Vitamin and Minerals
- Vitamin Blends - Customized Vitamin premixes/ blends (A, C, D, E, B1, B2, B3, B5, B6, B7, B9, B12, K)
- Mineral Blends (powder) - Customized Vitamin premixes/ blends (Iron, Calcium, Zinc, Magnesium, Potassium, Sodium, Phosphorus, Chromium, Iodine, Selenium etc.)
- Vitamin blends in Oily and Powder formats
- Customized Blends of Functional Health Ingredients along with Vitamins & Minerals
- RUTF Premixes (Ready to use Therapeutic Food) | RUSF Premixes - (Ready to use Supplementary Food)

All variants available in customized packaging 1g sachets and 5-25 Kg bulk forms

Concept to Completion: Your Trusted Partner in Product Development

Our Manufacturing Capabilities

Mahad: Vitamins and Nutritional Premix Manufacturing

- ▶ Design & development of Nutrition Premixes and Vitamins
- ▶ Strong capacities for solid blends and liquids

Digwal: API Development and Manufacturing

- ▶ Dedicated Vitamin block catering to all Vitamin requirements
- ▶ Integrated process development lab for Pharma, API generics and nutrition business
- ▶ cGMP manufacturing facility

ABOUT US

Piramal Nutrition Solutions (PNS) is part of Piramal Pharma Solutions (PPS), a global leader in the contract development and manufacturing of pharmaceutical and nutritional products.

PNS is a leading expert in providing customized solutions in vitamins and minerals for use in premixes for human nutrition, animal nutrition, cosmetic products, and various global food programs. We aim to translate customer needs to robust commercial solutions catering to vast customer segments like food fortification, food & beverage applications, mandated food programs and therapeutic foods etc. Quality forms an integral part of the PNS value chain, from raw material sourcing to following Good Manufacturing Practices (cGMPs) and implementing stringent quality control checks on all products.



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