

FUTURE-READY NANO HERBAL EXTRACTS FOR MODERN APPLICATIONS



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SCAN ME





WHY NANO HERBAL ACTIVES?

With Our state-of-the-art in botanical extract technology, We have planned up to produce nano herbal actives creating to get over the regular conventional drawbacks of herbal based supplements. As compared to traditional herbal extracts, these nano formulations significantly improve bio-availability, absorption rates, and overall efficacy by lowering the particle size to nanoscale dimensions, usually between 20- 150 nm.



Enhanced bioavailability

Nano-sized extracts have a larger surface area-to-volume ratio, resulting in enhanced cellular absorption and bioavailability (up to 5-20 times higher than traditional extracts).



Water Solubility

Our tried and tested laboratorial method turns oil-soluble chemicals into water-soluble versions using PDI.



Stability and potency

Active chemicals are protected from degradation using specialised encapsulating processes, resulting in a longer shelf life and consistent efficacy across a variety of formulation settings.

OUR NANO HERBAL PORTFOLIO

We are developing a robust pipeline of high-performance nano herbal actives, including:

- Nano Curcumin
 - Anti-inflammatory, immunity booster, functional food fortifier
- Nano Ashwagandha
 - Adaptogen for stress relief, energy, and cognitive support
- Nano Kalmegh (Andrographis)
 - Liver protection, immunity enhancement
- Nano Ginger
 - Cardio-metabolic support, anti-microbial, gut health
- Nano Garlic
 - Anti-microbial, anti-viral, anti-fungal and anti-parasitic



OUR FOCUSED SEGMENTS ARE AS FOLLOWS:

Nutraceuticals & Herbal Pharmaceuticals → Capsules, sachets, functional supplements.

Natural Food & Beverages → Clear shots, RTDs, fortified powders.

Natural Cosmetics & Personal Care → Serums, gels, creams with improved skin penetration.

Bio-Diversified Crop Inputs → Nano herbal biostimulants & biopesticides.

Animal Husbandry & Veterinary Nutrition → Nano feed supplements for immunity & growth.

OPENING OF BUSINESS PROSPECTS IN MARKET

Overseas and domestic market related to direct-to-consumer nutrition market is prophesized to reach \$6 to \$8 billion by 2026. Customized brand prioritize product distinctiveness through science-backed ingredients, novel delivery technologies, and clean-label formulations, where our nano actives offer significant benefits. Our product engaged with proper study enables sophisticated communications about the benefits of our nanotechnology.

WHITE LABEL & B2B STRATEGY

We partner with leading CDMOs and third-party manufacturers, enabling:

- Rapid market access across multiple brands without fragmented distribution
- Technical support integrators/formulators in Ayurveda, nutraceuticals, cosmetics, beverages, and agriculture
- Custom formulations & white-label solutions tailored to client needs

India's nutraceutical & Ayurveda manufacturing ecosystem is driven by these CDMOs, who act as gatekeepers for ingredient adoption across a wide portfolio of brands. Our nano actives integrate seamlessly into their pipeline.

WHY WORK WITH US

- State-of-the-art extraction & nano-conversion technology
- Proven bioavailability & stability data
- Flexible formats → Nano emulsions (liquids), Spray-dried Nano Powders, Liposomal Gels
- Regulatory compliance support (FSSAI, AYUSH, Cosmetics, Agri-inputs)
- Scale-ready supply chain for nutraceutical, cosmetic, food, and Agri markets



GET IN TOUCH

We'd love to hear from you!

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