

VETERINARY HEALTHCARE INGREDIENTS

*Natural extracts and
botanicals*

NATURAKOLINE®



The global veterinary healthcare market deals with the treatment availability for animals and innovations in the range of treatments for the animals' longevity. Following the global trends in human health care towards safe and efficacious use herbal medicinal products and plant derived Botanicals, Veterinary segment are now increasingly using herbs, essential oils and plant extracts for formulation of effective veterinary medicines.

India is primarily an agricultural country with predominance of rural populations and hence, animals, particularly cattle, play great role in economy and social welfare. Ancient literature like the Vedas, Puranas and Nighantus are replete with references to animal health care. There are Puranas like Ashwapuran, Garudpuran and Hastipuram devoted to animal husbandry.



History of herbal therapy in veterinary medicine

Herbal therapy has been used for thousands of years in many human cultures. Over centuries and even millennia, a tremendous amount of clinical experience has been obtained by these cultures regarding which herbs work well for which conditions, and how they are best administered. It has been estimated that even today 75 percent of the world's population relies upon herbal medicine for basic health care. Early civilizations placed a great deal of emphasis on the health of the horses and cattle that were so integral to their lives. As a result, the history of veterinary herbal treatment parallels its history in human therapy.

In the late eighteenth century, advances in science enabled chemists to isolate and purify active ingredients in herbs. Further advances led to the ability to manufacture synthetic pharmaceuticals. At this point, herbal therapy diverged from mainstream medicine, since conventional medical researchers believed that it was safer and more effective to administer specific doses of the pure active chemical, whether it was synthetic or derived from plants.

Advocates of herbal therapy maintain that whole herbs or their extracts were more efficacious and that the natural product contains other ingredients that act synergistically with the active principle, increasing the efficacy of the medicine.

Sunpure Extracts Private Limited

Sunpure Extracts Private Limited is a leading herbal healthcare company engaged in manufacturing and marketing of natural healthcare products including standardised herbal Extracts, Herbal Veterinary feed supplements.

NATURAKOLINE®

- ▶ Choline in natural & highly bioavailable conjugated esterified form
- ▶ No adverse effect on other vitamins and no offensive fishy odour
- ▶ Timed release and direct source of natura-active choline
- ▶ It mainly supplies methyl groups to help hepatic fat mobilization and thus prevents fat accumulation in the liver
- ▶ NaturaKoline® as a replacement of synthetic choline supplement on the egg laying performance in laying hen.



PLANT EXTRACTS USED IN VETERINARY PHYTOTHERAPY

Extracts For Animal Healthcare - Ruminant / Cattle / Canine / Equine / Swine

STANDARIZED EXTRACT	USES IN ANIMAL HEALTHCARE
Adhatoda Vasica	Chronic Bronchitis, Anti-spasmodic, Anthelminic
Aloe Vera	Adaptogen
Amla (Phyllanthus emblica)	Anti – Oxidant, Astringent
Andrographis Paniculata	Hepatoprotective, Anti – Pyretic
Arjuna	Cardio Tonic & Diuretic
Ashwagandha	Promotes Vigor & Vitality, Adaptogen
Bacopa Monnieri	Anti – Stress
Bamboo	Anti – Ageing, Bone Health
Banaba	Anti-Diabetic
Berberis Aristata	Anti-Bacterial, Carminative
Bitter melon	Anti-Diabetic, Anti – Parkinsons
Boerhaavia Diffusa	Diuretic, Anti-oxidant
Boswellia Serrata	Relieves Joint Pain, Anti – Inflammatory
Carica Papaya	Digestive Aid
Cassia Fistula (Amaltas)	Laxative
Centella asiatica (Gotu kola)	Leprostastic
Cinnamon	Helpful in Diarrhoea
Cissus	Heal Bones, Osteoporosis
Coleus Forskohlii	Digestion, Stimulant
Curcuma Longa	Anti Oxidant, Anti Inflammatory
Deglycyrrhizinated Licorice (DGL)	Digestive-Aid, Purgative, Diuretic
Fenugreek	Anti-Diabetic, Cholesterol Reduction
Ginger	Relieves motion sickness.
Glycyrrhiza Glabra	Digestive – Aid, Purgative, Diuretic
Green Coffee	Anti diabetic & Anti Hypertensive
Guggul	Anti Arthritis Hypolipidernic
Gymnema Sylvestre	Anti-Diabetic
Holy Basil	Anti-Cough and Cold, Antipyretic
Moringa Oleifera	Protein, Digestion
Mucuna Pruriens	Stimulant for Central Nervous System
Neem	Astringent, Blood Purifier, Anti-infection, Anti-bacterial
Noni	Energy Health Tonic
Phyllanthus Amarus	Liver Support
Phyllanthus Niruri	Anti- Hepallotoxic, Liver Tonic
Safed Musli	Aphrodisiac, In Health Tonic, Sports Supplement
Senna	Laxative
Shatavari	Galaclogogue, Aphrodisiac
Shilajit	Anti-diabetic & Aphrodisiac, General Health Tonic
Terminalia Bellerica	Rejuvenative, Laxative
Terminalia Chebula	De-Toxicant, Laxative
Tinospora Cordifolia	Adaptogen, Warrens Health
Tribulus Terrestris	Nutritions and Aphrodisiac
Triphala	Internal Cleanser. General Health
Valeriana Officinalis	Anti-Depressant
White Kidney Bean	Protein Digestion



Extracts For Poultry/Aqua Healthcare

STANDARIZED EXTRACT	USES IN ANIMAL HEALTHCARE
Lycopene	as anti-oxidant, anti-inflammatory, immunomodulation, improved performance and better meat as well as egg quality.
Lutein	improves growth performance, used in commercial poultry feeds as an additive
Beta Carotene	used for yolk, skin and leg pigmentation in poultry production
Spirulina	Protein, Vitamin & Mineral Supplement
Moringa oleifera	Protein, Digestion
Andrographis paniculata	Hepatoprotective, Anti-Pyretic
White kidney Beans	Protein Digestion
Holy Basil	Anti-Cough and Cold, Antipyretic
Berberis aristata	Anti-Bacterial, Carminative
Curcuma longa	Anti Oxidant, Anti Inflammatory



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