

W-ferinAmax®

ashwagandha



FOR OVERALL HEALTH

Withania somnifera (Ashwagandha) contains a variety of nutrients and phytochemicals with high content of polyphenols and ascorbic acid. The main phyto constituents are Withanolides which are trilactones – withaferin-A, alkaloids, steroidal lactones, tropin and cuscohygrine. It is an adaptogenic herb that helps the body successfully adapt to stressful conditions. Ashwagandha is one of the few herbs with significant effects on both psychological and physiological aspects of human functioning.

PHARMACOLOGICAL PROPERTIES

Neuro-protective anti-stress

Anti-arthritic analgesic

Anti-tumorigenic

Anti-inflammatory

Ashwagandha literally means 'smells like horse' based on a belief that anyone who consumes it is given the power and strength of a horse.

It is also referred to as a 'royal herb' owing to its multiple therapeutic effects in the different human body systems: immune system, neurological and endocrinal system, the aerobic energy-production system, as well as the reproductive system.

It is also used as a general tonic to increase and to improve overall health and longevity. Regular consumption of Ashwagandha is believed to prevent diseases in individuals of different ages and with various health conditions.

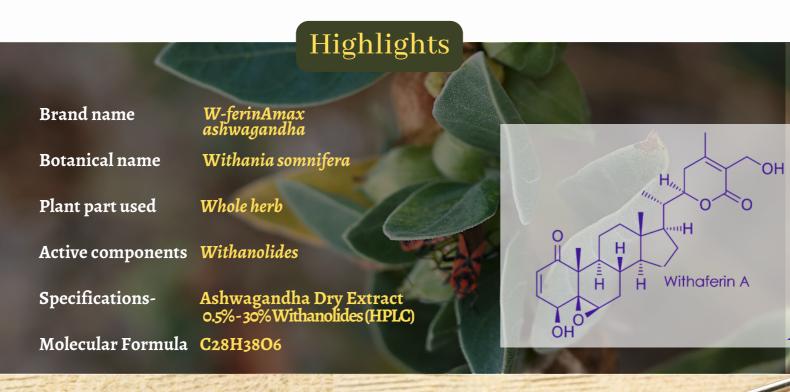
Recent work has demonstrated that COVID-19 infections have a large immune component and can result in the development of a cytokine storm, a potentially lifethreatening immune reaction in which the body releases too many cytokines into the blood at a rapid rate. It has been demonstrated that Withaferin-A is capable of reducing the secretion of various pro-inflammatory cytokines (ex. TNF α , IL-6, IL-8, and IL-18) in a metastatic model of ovarian cancer. It is within the realm of possibility that Withaferin-A treatment can abrogate the intensity of cytokine storms due to the reported anti-inflammatory properties.

Withaferin-A alone or in combination with drugs could be developed into an attractive therapeutic agent for both the general population and cancer patients due to its anti-tumorigenic properties and the preliminary studies showing that it is capable of binding to the S protein of SARS-CoV-2, thereby potentially inhibiting infection and/or spread of the disease.

Toxicity study

Withaferin-A is the principle component of Withania somnifera (Ashwagandha). It has several biological activities including anticancer, anti-diabetic, neuroprotective, hepatoprotective and immune-modulatory properties. The acute and sub-acute toxicity of oral Withaferin-A was investigated in mice. It was suggested safe at doses of 2000 mg/kg and 500 mg/kg in acute and repeat dose toxicity respectively.





CHERESO'S RELIABLE INGREDIENT

Provides the highest concentration

Manufactured with a unique extraction process, based on "Green Chemistry" principles

Residual solvents as per ICH/Food Industry guidelines

Stable ingredient

Water soluble

About Us

CHERESO is in the business of manufacturing active pharmaceutical ingredients from plant sources having two state-of-the-art manufacturing facilities supported with ISO 9001-2015, ISO 22000:2018, WHO-GMP, NSF-GMP, Kosher, Halal certification.

- 31 Patents & 28 Trademarks
- Strong regulatory capabilities
- In-house R&D led by a highly professional team
- Pre-clinical & clinical evaluated ingredients confirming efficacy and safety
- In-house analytical lab supported with latest instruments to meet regulatory compliances like 21CFR etc.
- Committed to achieving excellence in Environment Health & Safety(EHS)
- Well-established global-level documentation structure
- ZED(GOLD) certified to achieve Zero Defect production processes and Zero impact on the environment

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- The information has been compiled from the data available in the public domain

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