

LIPOSOMAL ASHWAGANDHA POWDER

RASS
BIOSOLUTION
THE BIOPHARMA COMPANY

Advanced Herbal Delivery for Superior Bioavailability

Withania somnifera Root Extract



PRODUCT OVERVIEW

Liposomal Ashwagandha Powder is a next-generation herbal ingredient developed by encapsulating premium Ashwagandha Root Extract within phospholipid liposomes. This advanced delivery technology protects the active withanolides from degradation during digestion and significantly improves their absorption and bioavailability.

Rass Biosolution's Liposomal Ashwagandha Powder is manufactured using advanced liposomal encapsulation technology to deliver enhanced efficacy, superior stability, and improved cellular uptake, making it an ideal ingredient for premium nutraceutical formulations.

KEY ACTIVE INGREDIENTS

- Liposomal Ashwagandha Root Extract
- Standardized Withanolides
- Natural Phospholipids (Sunflower/Soya Lecithin)
- Natural Antioxidant System

HEALTH BENEFITS

STRESS MANAGEMENT

Helps the body adapt to everyday physical and mental stress while supporting healthy cortisol levels.

BETTER SLEEP

Promotes relaxation and supports healthy sleep quality.

COGNITIVE SUPPORT

Helps improve focus, concentration, memory, and overall mental performance.

ENERGY & ENDURANCE

Supports physical stamina, exercise performance, and faster recovery.

IMMUNE WELLNESS

Supports a healthy immune system and overall vitality.

MEN'S WELLNESS

Supports reproductive health, vitality, and healthy testosterone levels.

ANTIOXIDANT PROTECTION

Provides antioxidant support to help protect cells from oxidative stress.

HEALTHY AGING

Supports overall wellness and healthy aging.



KEY FEATURES

- Advanced Liposomal Delivery Technology
- Enhanced Bioavailability
- Superior Cellular Absorption
- High Encapsulation Efficiency
- Improved Stability
- Free-Flowing Powder
- Excellent Dispersibility
- Premium Quality Herbal Extract
- Suitable for Daily Supplementation

APPLICATIONS

- Capsules
- Tablets
- Gummies
- Sachets
- Functional Foods
- Functional Beverages
- Protein Supplements
- Wellness Premixes
- Sports Nutrition
- Ayurvedic Formulations



WHY LIPOSOMAL TECHNOLOGY?



Liposomes protect the active compounds, enhance absorption, improve bioavailability and ensure more efficient delivery of nutrients to body tissues.

RECOMMENDED DOSAGE



250–600 mg/day

(Depending upon product formulation and standardization.)

STORAGE

Store in a cool, dry place away from direct sunlight and moisture. Keep the container tightly closed after use.

SHELF LIFE
24 MONTHS

SCIENTIFIC REFERENCES

- Chandrasekhar K. et al. (2012) Safety and efficacy of high-concentration Ashwagandha root extract in reducing stress and anxiety.
- Wankhede S. et al. (2015) Effect of Ashwagandha supplementation on muscle strength and recovery.
- Lopresti A.L. et al. (2019) Ashwagandha supplementation and its effects on stress, sleep quality, and well-being.
- Mozafari M.R. (2005) Liposomes: An overview of manufacturing techniques and pharmaceutical applications.