



ACTISERINE

ULTIMATE BRAIN SUPPORT

WHAT IS PHOSPHATIDYL SERINE?

Phosphatidylserine, a fatty compound, safeguards brain nerve cells and facilitates intercellular communication, crucial for cognitive function and memory, particularly with advancing age.

Our product provides a Phosphatidyl Serine enriched powder/fluid derived from natural phospholipids via enzymatic reactions with Lecithins, replenishing declining levels and supporting brain health.

WHAT ARE CATECHINS?

Catechins as naturally occurring anti-oxidants in form of polyphenols, found majorly in tea leaves and medicinal plants. It is an excellent anti-oxidant which does scavenging of the reactive oxygen species and inhibits formation of free radicals and lipid peroxidation.

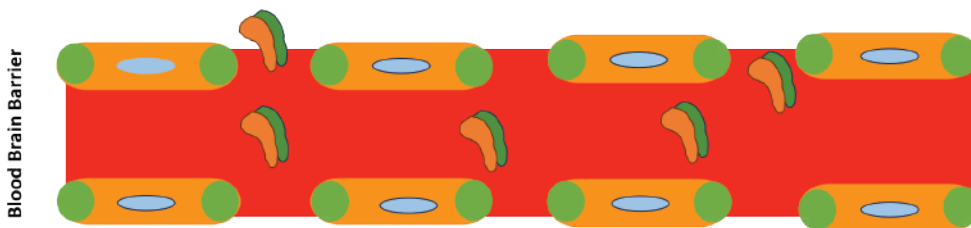
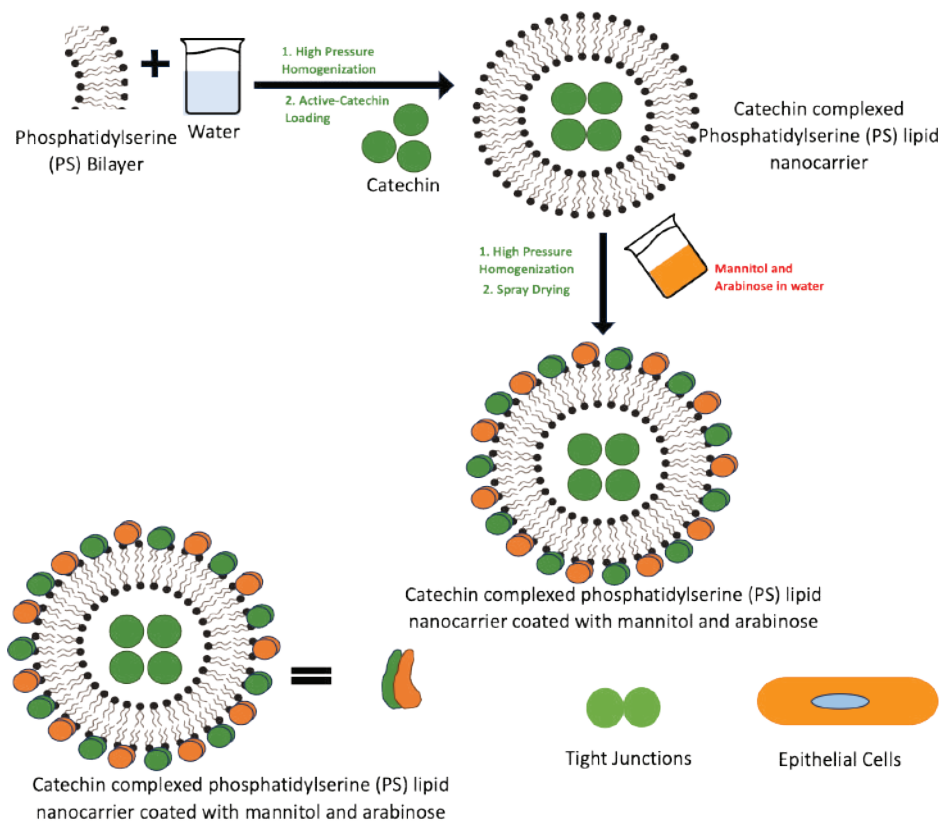


SAY HELLO TO

ACTISERINE

PS: A POWERFUL BRAIN SUPPLEMENT

Actiserine is a powerful and clinically well researched complex form of PHOSPHATIDYL SERINE (PS). It is an evolution over existing PS, which makes it potential to help with many brain related functions.

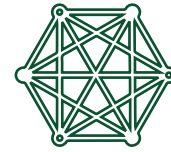


Actiserine utilizes a special and unique combination of CATECHINS encapsulated with PS , Mannitol & Arbinose to make the generic PS more bio available and provide more advantages.

NEW AGE FEATURES



NOVEL TECHNOLOGY
FOR NEW AGE PHOSPHATIDYL
SERINE SUPPLEMENT



PROPRIETARY ACTIVE
COMPLEXES

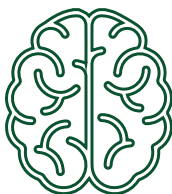


EASY TO FORMULATE
AND BLEND



DOSAGE SHOULD BE BETWEEN
100 TO 300MG PER DAY

ADVANTAGES



MEMORY
ENHANCEMENT



BRAIN DAMAGE REPAIR



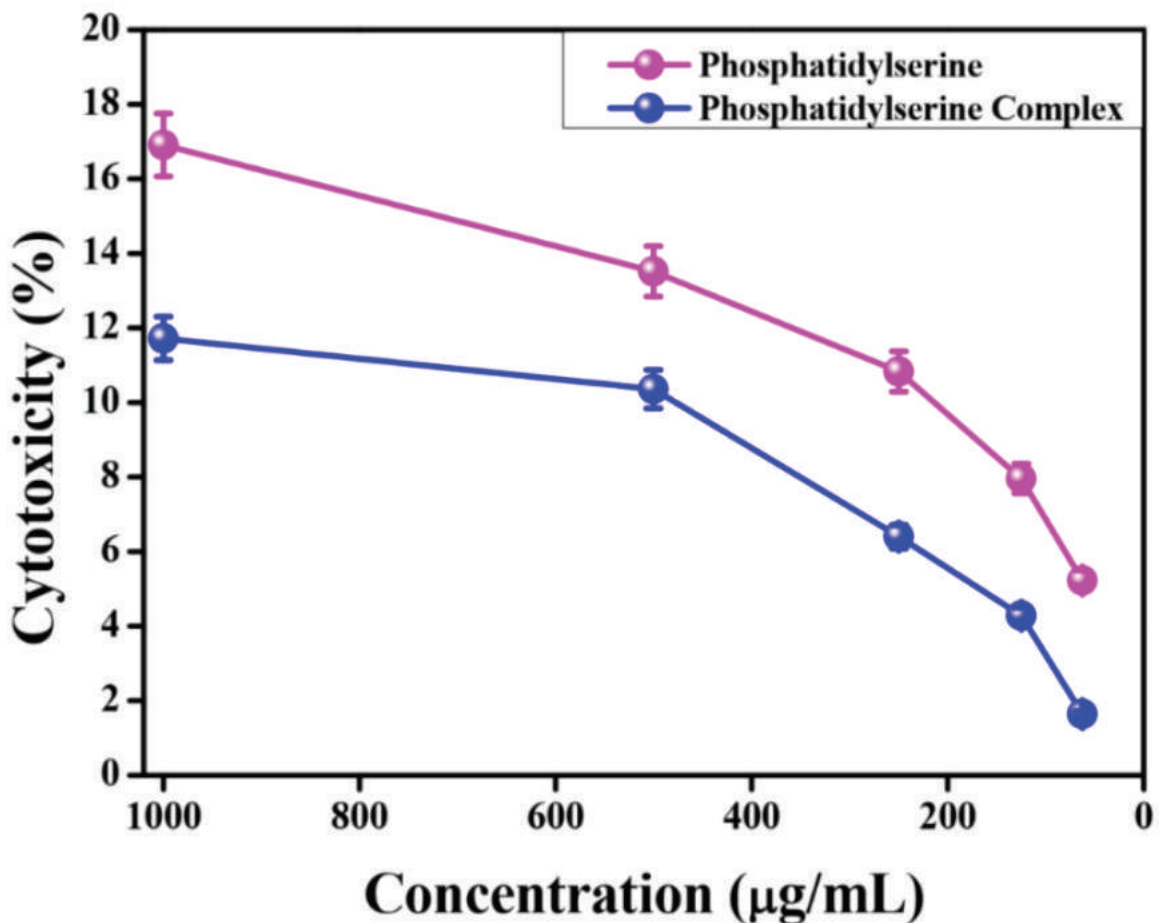
FOCUS IMPROVEMENT



COGNITIVE
ENHANCEMENT

CELL LINE STUDY ON ACTISERINE

Fig. 1. Cytotoxicity properties of Phosphatidylserine complex and normal Phosphatidylserine against Caco-2 cell line at > 1000 $\mu\text{g}/\text{mL}$ CTC50



CONCLUSION

The Phosphatidylserine complex showed lower percentage of cytotoxicity than the normal Phosphatidylserine, which indicates Phosphatidylserine complex has very minimum cytotoxic effect on Caco-2 cell line even in high doses.

Table 1. In vitro intestinal permeability data of the marker drugs across Caco-2 cell monolayer

Test substance	PBA_{app} (10⁻⁶; cm/s) Apical to Basolateral
Phosphatidylserine complex	3.56
Normal Phosphatidylserine	1.47

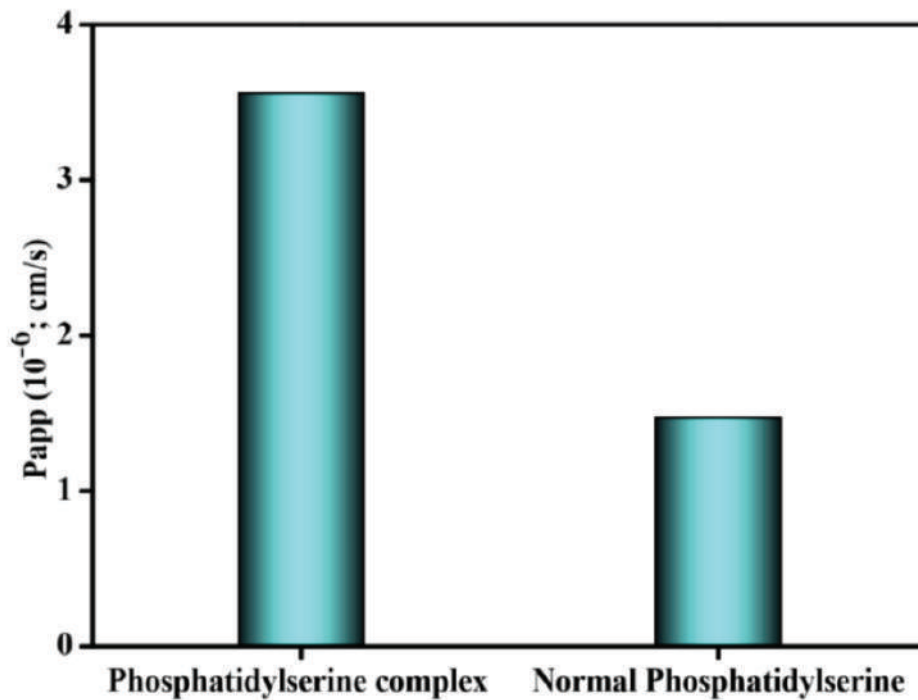


Fig. 2. In vitro intestinal permeability data of the Phosphatidylserine complex and normal Phosphatidylserine across Caco-2 cell monolayer

WHO IS IT FOR?

E-GAMERS

- Improves response time
- Attention Span
- Enhances Brain cell communication
- Reduces brain Inflammation
- It calms the nervous system



ATHLETES

- Improves reflexes
- Better attention Span
- Intensifies brain cell communication
- Reduction in brain inflammation
- Amplifies calmness in the nervous system

AGING POPULATION

- Short term Memory formation
- Focus and Concentration
- Brain Damage Repair
- Age related Motor coordination issues

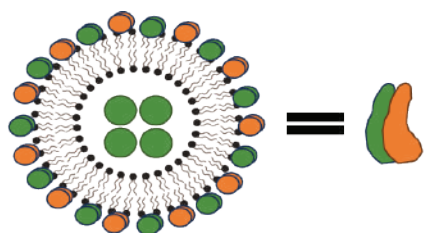




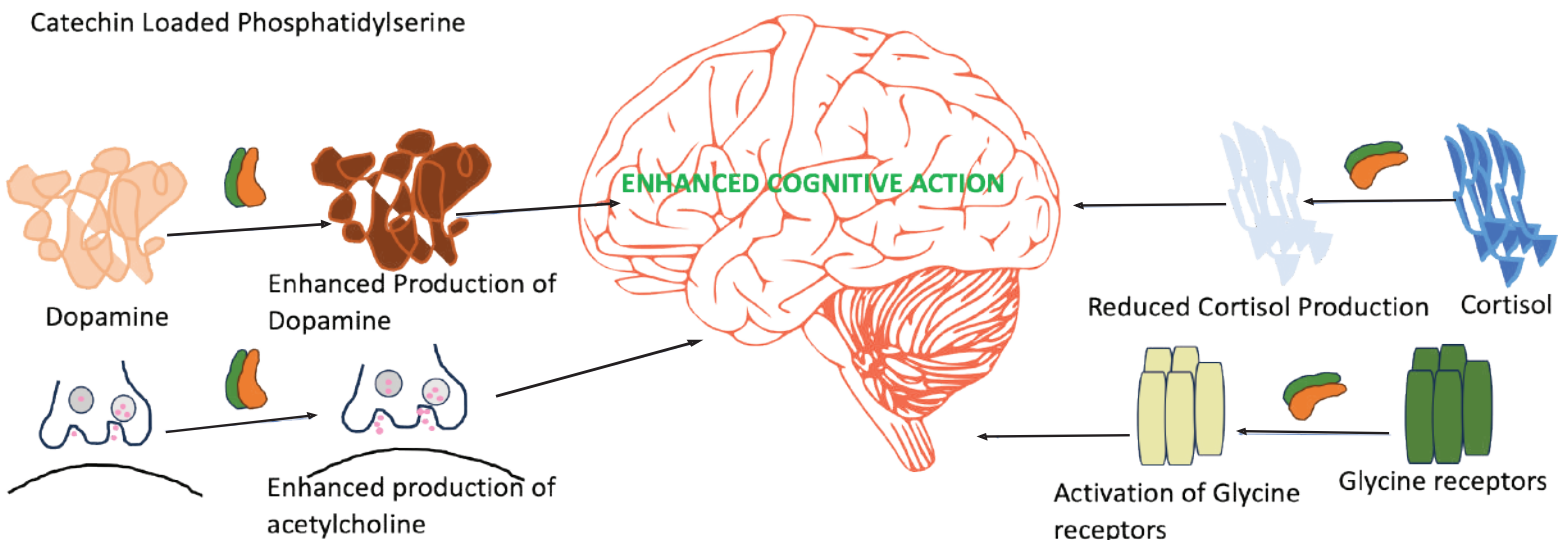
GENERAL POPULATION

- Memory and Focus
- Cognitive function improvement
- Helps with stress management
- Improves mood

ACTION IN BRAIN



Mannitol-arabinose surface modified Catechin Loaded Phosphatidylserine



SHANKAR INDIA

SHANKAR is a Global Lecithin and Phospholipids company headquartered in India, founded in 1984.

PRO NATURE, PRO FUTURE is the mission the company chose in its new generation and avatar in the 21st century. The Company and its people have committed themselves to develop and gain expertise in natural ingredients for Food, Feed, Health and Industrial Applications.

All products we work on have a clear goal of SUSTAINABILITY and HEALTH. Thus, it supports our goal of commitment to Nature and Future.

All our products are derived from by-product/waste of the edible oil refining industry.

SHANKAR EUROPE

SHANKAR Europe is a SHANKAR India Initiative to provide end to end Lecithin solutions with full commercial and technical support in Europe with a base in Italy.

Shankar has the most wide range of Lecithins and Phospholipid products and with this initiative it will bring the best in supply chain for applications of Food, Feed, Health and Personal Care under brand names of ACTISOMES, ACTISERINE, NULEC, INNO-PC, INNO-PS, INNO-PHY and A-POLLO.





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SCAN FOR MORE DETAILS



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