

Nuroslide LC Tablet

Folic Acid (1.5mg) + L-Carnitine L-Tartrate (500mg) + Methylcobalamin (1500mcg) Tablet

Category:

Vitamins & Nutritional Supplement

Dosage Form:

Tablet

Strength:

- **Folic Acid: 1.5 mg**
 - **L-Carnitine L-Tartrate: 500 mg**
 - **Methylcobalamin: 1500 mcg**
-

Description:

This combination tablet contains a synergistic blend of Folic Acid, L-Carnitine L-Tartrate, and Methylcobalamin, which are essential for energy production, nerve health, and metabolic support. It is commonly used to support general well-being and to address deficiencies in these nutrients.

- **Folic Acid (1.5mg):** An essential B-vitamin that helps in the production and maturation of red blood cells, and is crucial during periods of rapid growth, such as pregnancy and fetal development. It is also involved in the synthesis of DNA.
- **L-Carnitine L-Tartrate (500mg):** A naturally occurring compound that plays

a key role in fat metabolism by facilitating the transport of fatty acids into the mitochondria, where they are burned for energy. It may also support athletic performance and endurance.

- **Methylcobalamin (1500mcg):** A form of vitamin B12 that is crucial for maintaining nerve health and red blood cell formation. It helps prevent vitamin B12 deficiency, supports brain function, and may aid in the regeneration of nerve tissue.
-

Indications:

This tablet is typically used for:

- **Vitamin B12 Deficiency:** Methylcobalamin helps correct B12 deficiency, which can lead to symptoms like fatigue, weakness, and nerve problems.
- **Support for Metabolism and Energy Production:** The combination of L-Carnitine and Folic Acid helps in enhancing energy production, particularly in individuals with low stamina or fatigue.
- **Nerve Health Support:** Helps in preventing nerve damage and supports overall nerve function, beneficial in conditions like neuropathy or nerve degeneration.
- **Fertility and Pregnancy Support:** Folic acid is essential during pregnancy to support fetal development and prevent neural tube defects.
- **General Health:** Acts as a nutritional supplement to maintain overall well-being and address deficiencies.

Mechanism of Action:

- **Folic Acid:** Promotes the synthesis of DNA and RNA, crucial for cell division and the formation of red blood cells. It supports fetal development during pregnancy and plays an important role in maintaining homocysteine levels, reducing the risk of cardiovascular disease.
- **L-Carnitine L-Tartrate:** Facilitates the transportation of fatty acids into the mitochondria for energy production. It is known to enhance endurance and reduce fatigue, making it beneficial for individuals engaged in physical activities.
- **Methylcobalamin:** Acts as a coenzyme in the metabolism of fatty acids and amino acids. It supports the synthesis of myelin, the protective sheath around nerves, thereby preventing nerve damage and promoting neurological health.

Dosage and Administration:

- **Adults:**
 - Take 1 tablet daily or as prescribed by your healthcare provider.
 - This can be taken with or without food.

Note: Dosage may vary depending on individual health conditions or specific needs. Always follow the instructions provided by your doctor.

Contraindications:

- **Hypersensitivity:** Contraindicated in patients who have a known

hypersensitivity to any of the components of the tablet, including Folic Acid, L-Carnitine L-Tartrate, or Methylcobalamin.

- **Cobalamin Deficiency (without folic acid supplementation):** While Folic Acid is essential, excessive amounts may mask symptoms of B12 deficiency, particularly in patients who do not receive adequate B12 supplementation.

Precautions:

- **Pregnancy and Lactation:** Consult with a healthcare provider before using this supplement during pregnancy or breastfeeding. Folic acid is commonly used during pregnancy, but high doses should only be taken under medical supervision.
- **Kidney Disease:** Use caution when using L-Carnitine supplements in patients with kidney disease, as impaired kidney function can affect L-carnitine metabolism.
- **Neurological Conditions:** Those with neurological conditions should monitor vitamin B12 levels, as supplementation can have a direct impact on nerve regeneration.

Adverse Effects:

This combination supplement is generally well-tolerated, but side effects can occur, including:

- **Gastrointestinal Symptoms:** Nausea, bloating, or stomach upset, especially if taken on an empty stomach.
- **Skin Rash or Allergic Reactions:** Rare, but some individuals may experience allergic reactions such as rash, itching, or swelling.

- **Headache or Dizziness:** Some people may experience mild headaches or dizziness, particularly when starting the supplement.

If any severe or persistent side effects occur, discontinue use and consult a healthcare provider.

Drug Interactions:

- **Vitamin B12 and Folic Acid:** High doses of folic acid can mask the symptoms of vitamin B12 deficiency, leading to neurological damage if left untreated.
 - **Anticonvulsants (e.g., phenytoin, phenobarbital):** May interfere with the absorption of folic acid.
 - **Metformin (for diabetes):** Long-term use of Metformin can lower vitamin B12 levels, making this supplement beneficial for such patients.
 - **Thyroid Medications:** L-Carnitine may interact with thyroid medications, so it's advisable to monitor thyroid hormone levels regularly.
-

Storage Instructions:

- **Store in a cool, dry place away from direct sunlight.**
 - **Keep the bottle tightly closed when not in use.**
 - **Keep out of the reach of children.**
-

Key Benefits:

- **Comprehensive Nutritional Support:** Combines the benefits of folic acid, methylcobalamin, and L-carnitine for overall health support, particularly for

energy production, nerve function, and cardiovascular health.

- **Energy Boost:** L-Carnitine enhances energy metabolism, which may help reduce fatigue and increase endurance.
 - **Neuroprotective:** Methylcobalamin supports nerve regeneration and function, making it particularly useful for those with neurological concerns or nerve damage.
 - **Pregnancy Support:** Folic acid plays a crucial role in preventing birth defects and promoting fetal health during pregnancy.
-

Conclusion:

Folic Acid (1.5mg) + L-Carnitine L-Tartrate (500mg) + Methylcobalamin (1500mcg) tablet is an effective and synergistic combination designed to support general health, increase energy levels, and maintain proper neurological function. This supplement is especially beneficial for individuals looking to boost their metabolism, improve nerve health, and prevent nutritional deficiencies.

Manufactured in India for:

CafoliTM
L I F E C A R E

Cafoli Lifecare Pvt. Ltd.

(An ISO 9001: 2015 Certified Co.)

Plot no.: 367-FF, Industrial Area Phase-I,

Panchkula-134113

TM: Trademark Applied for