## Information For the Use

Methylcobalamin (1500mcg) + Alpha Lipoic Acid (100mg) + Thiamine mononitrate (10mg) + Pyridoxine Hydrochloride (3mg) + Folic Acid (1.5mg)

# **Nuroslide OD Capsule**

Methylcobalamin (1500mcg) + Alpha Lipoic Acid (100mg) + Thiamine Mononitrate (10mg) + Pyridoxine Hydrochloride (3mg) + Folic Acid (1.5mg) Capsule

## Description

The Methylcobalamin (1500mcg) + Alpha Lipoic Acid (100mg) + Thiamine Mononitrate (10mg) + Pyridoxine Hydrochloride (3mg) + Folic Acid (1.5mg) Capsule is a combination of essential vitamins and antioxidants formulated to support nerve health, promote energy production, and aid in the management of neuropathy and vitamin B deficiencies. This product is commonly used for individuals suffering from peripheral neuropathy, diabetic neuropathy, and other conditions associated with nerve damage or deficiencies in B vitamins.

# Composition

Each capsule contains:

- Methylcobalamin: 1500 mcg
- Alpha Lipoic Acid: 100 mg
- Thiamine Mononitrate (Vitamin B1): 10 mg
- Pyridoxine Hydrochloride (Vitamin B6): 3 mg
- Folic Acid (Vitamin B9): 1.5 mg

#### Indications

The combination of ingredients in this formulation is indicated for:

- Management of Vitamin B deficiencies, including B1 (Thiamine), B6 (Pyridoxine), and B12 (Methylcobalamin)
- Peripheral neuropathy: particularly helpful in conditions like diabetic neuropathy, alcoholic neuropathy, and nerve-related pain
- Supporting nerve regeneration and reducing nerve damage

- Reducing oxidative stress and providing antioxidant protection, particularly for diabetic patients
- General health: to support energy metabolism, nerve function, and red blood cell formation

## **Mechanism of Action**

- Methylcobalamin (Vitamin B12): A biologically active form of vitamin B12 that supports nerve regeneration, helps produce red blood cells, and is crucial for DNA synthesis. It helps reduce homocysteine levels, which can lower the risk of nerve damage and neuropathy.
- Alpha Lipoic Acid: A powerful antioxidant that helps to neutralize free radicals, reduce oxidative stress, and support nerve function. It has been shown to improve nerve conduction in diabetic neuropathy and helps in glucose metabolism.
- Thiamine (Vitamin B1): Essential for energy production in the body, thiamine helps maintain healthy nerve cells and is vital for carbohydrate metabolism. It plays a role in maintaining the nervous system and preventing neuropathy related to deficiency.
- Pyridoxine (Vitamin B6): Supports amino acid metabolism and is involved in the synthesis of neurotransmitters such as serotonin and dopamine. Vitamin B6 plays a key role in nerve function and helps in the prevention of neuropathy.
- Folic Acid (Vitamin B9): Important for cell division and the synthesis of DNA. Folic acid aids in the production of red blood cells and helps lower levels of homocysteine, a risk factor for nerve damage.

**Dosage and Administration** 

- Adult Dosage: Take 1 capsule daily, preferably after a meal or as directed by a healthcare provider.
- Children: This supplement is typically not recommended for children unless advised by a healthcare provider.
- Administration: Swallow the capsule whole with a glass of water. Do not crush or chew.

## Contraindications

This product is contraindicated in:

- Individuals with known hypersensitivity to any of the ingredients in the capsule.
- Severe kidney disease or renal impairment.
- Pregnancy: Use during pregnancy should only occur under medical supervision, as the safety of this combination during pregnancy has not been established.

Warnings and Precautions

- Diabetic patients: Individuals with diabetes or diabetic neuropathy should consult a healthcare provider before using this product, especially if they are on diabetic medications, as alpha lipoic acid may interact with blood sugar regulation.
- B12 deficiency: If you have a B12 deficiency, consult your doctor before use, as high doses of methylcobalamin may need monitoring.
- Pregnancy and Lactation: There is limited safety data on the use of high-dose vitamin B complexes during pregnancy and breastfeeding. Consult a healthcare provider for guidance.
- Gastrointestinal disorders: Individuals with gastrointestinal diseases, such as irritable bowel syndrome or ulcers, should discuss the use of this supplement with their healthcare provider.

Generally well-tolerated, but possible side effects may include:

- Mild gastrointestinal upset such as nausea, bloating, or diarrhea
- Allergic reactions: rash, itching, or swelling, especially if allergic to any component
- Flushing or warmth due to niacinamide (B3)
- High doses of B vitamins (especially B6 and B12) may cause nerve toxicity if used in excessive amounts over extended periods.

If any severe side effects or allergic reactions occur, discontinue use and seek medical attention immediately.

#### **Drug Interactions**

- Diabetes medication: Alpha lipoic acid may lower blood sugar levels and could interact with medications used for diabetes management, requiring dose adjustments.
- Levodopa: Alpha lipoic acid may reduce the effectiveness of levodopa (used in Parkinson's disease), so it should be used with caution.
- Anticoagulants: Folic acid can interact with blood-thinning medications, increasing the risk of bleeding.
- Certain antibiotics and anticonvulsants may interact with B vitamins, requiring dose adjustments.

Always consult with a healthcare provider before combining this supplement with other medications.

**Storage Instructions** 

- Store in a cool, dry place at room temperature (15°C to 30°C).
- Keep the bottle tightly closed.
- Keep out of reach of children.

#### Presentation

• Form: Capsule

- Strength: Methylcobalamin 1500mcg + Alpha Lipoic Acid 100mg + Thiamine 10mg + Pyridoxine 3mg + Folic Acid 1.5mg
- Pack Size: Available in 30, 60, or 90-capsule bottles.

#### Conclusion

The Methylcobalamin (1500mcg) + Alpha Lipoic Acid (100mg) + Thiamine (10mg) + Pyridoxine (3mg) + Folic Acid (1.5mg) Capsule is a comprehensive supplement designed to support nerve health, reduce neuropathy symptoms, and combat vitamin deficiencies. It helps with the prevention and management of nerve-related conditions, especially for individuals with diabetic neuropathy or those needing additional B vitamins for general health. Always follow the prescribed dosage and consult your healthcare provider for personalized recommendations.

Manufactured in India for:



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