### **METANX®** Capsules

A medical food for the dietary management of peripheral neuropathy and diabetic ulcer.

### DESCRIPTION

Each opaque caramel/white capsule contains:

#### **Dietary Ingredients:**

L-methylfolate Calcium (Metafolin <sup>®</sup> )	3 mg
Algae S Powder (Schizochytrium)	90.314 mg
Pyridoxal-5'-Phosphate	35 mg
Methylcobalamin	2 mg

### **Other Ingredients:**

Silicified Microcrystalline Cellulose 90, Algae-S Powder (Schizochytrium Algal Oil [Vegetable source]), Glucose Syrup Solids, Mannitol, Sodium Caseinate, Soy Protein, High Oleic Sunflower Oil, Sodium Ascorbate, Natural Flavors, Tricalcium Phosphate, Tetrasodium Diphosphate, Tocopherols, Soy Lecithin, Ascorbyl Palmitate, Gelatin, Pyridoxal-5-Phosphate, L-methylfolate Calcium, Methylcobalamin, Magnesium Stearate, Titanium Dioxide, Caramel 1, Sodium Lauryl Sulfate, Carmine Red Powder, Butyl Alcohol, Isopropyl Alcohol, Propylene Glycol, Shellac, Dehydrated Alcohol, Ammonia Solution

METANX<sup>®</sup> Capsules contain Milk and Soy.

# INDICATIONS AND USAGE CLINICAL DIETARY MANAGEMENT OF PERIPHERAL NEUROPATHY

METANX<sup>®</sup> is indicated for the distinct nutritional requirements of individuals with endothelial dysfunction who present with loss of protective sensation associated with peripheral neuropathy.<sup>1-8</sup>

# CLINICAL DIETARY MANAGEMENT OF DIABETIC ULCER

METANX<sup>®</sup> is indicated for the distinct nutritional requirements of patients with endothelial dysfunction and/or hyperhomocysteinemia who present with lower extremity ulceration(s).<sup>9-12, 18</sup>

### **ADVERSE REACTIONS**

Allergic reactions have been reported following the use of oral L-methylfolate Calcium.<sup>15</sup> Acne, skin reactions, allergic reactions, photosensitivity, nausea, vomiting, abdominal pain, loss of appetite, increased liver function test results, paresthesia, somnolence, nausea, and headaches have been reported with pyridoxal 5'phosphate.<sup>16</sup> Mild transient diarrhea, itching, transitory exanthema and the feeling of swelling of the entire body has been associated with methylcobalamin.<sup>17</sup>

### CONTRAINDICATIONS

METANX<sup>®</sup> is contraindicated in patients with known hypersensitivity to any of the components contained in this product.

### PATIENT INFORMATION

METANX<sup>®</sup> is a medical food for use under medical supervision.

## **RECOMMENDED USE**

Usual adult dose may be taken as one capsule twice daily (1 capsule B.I.D.); or two capsules once daily (2 capsules QD) or as directed by a healthcare provider.

## HOW SUPPLIED

Commercial Product (90 capsules) 00525-8049-90	Rx
Commercial Product (180 capsules) 00525-8049-18	Rx

Available as an opaque caramel capsule and opaque white body. It is imprinted with "Metanx" in red ink on the body.

## STORAGE

Store at controlled room temperature  $15^{\circ}$ C to  $30^{\circ}$ C ( $59^{\circ}$ F to  $86^{\circ}$ F) (See USP). Protect from heat, light and moisture.

#### PRECAUTIONS

Folic acid, when administered in daily doses above 0.1mg, may obscure the detection of B12 deficiency (specifically, the administration of folic acid may reverse the hematological manifestations of B12 deficiency, including pernicious anemia, while not addressing the neurological manifestations). L-methylfolate Calcium may be less likely than folic acid to mask vitamin B12 deficiency.<sup>13,14</sup> Folate therapy alone is inadequate for the treatment of a B12 deficiency.

#### REFERENCES

<sup>1.</sup> Verhaar M.C., et al. Circulation 1998;97:237-241. <sup>2.</sup> Peters TJ, et al. Alcohol Alcohol. 2006;41(6):636-642. <sup>3.</sup> Schloss J, et al. Asia Pac J Oncol Nurs. 2016;3(1):73-85. <sup>4.</sup> Walker MJ Jr, et al. Rev Neurol Dis 2010;7(4):132-139. <sup>5.</sup> Jacobs AM, Cheng D. J Diabetes Mellitus. 2013;3(3):134-138. <sup>6</sup>.McNamara VF, et al. J Diabetes Mellitus 2016; 6(2): 8. <sup>7.</sup>Trippe, B. S., et al. Curr Med Res Opin 2016; 32(2): 219-227. <sup>8.</sup> Negrão L, et al. Pain Manag. 2016;6(1):25-29. <sup>9.</sup> Ambrosch A. et al. Diabet Med. 2001;18:185-

Revised: {02/2025}

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Manufactured and Distributed by Alfasigma USA, Inc. Shreveport, LA 71103

Questions? Call 1- 855-805-2530 (M-F 8AM to 5PM EST)

#### **REFERENCES** (continued)

<sup>10.</sup> Veves A., et al. Diabetes 1998;47:457-463. <sup>11.</sup> Boykin J.V. Jr. Vascular Disease Management 2007;2(1):1-8. <sup>12.</sup> Boykin J.V. Jr., Byalis C.Wounds 2006;18(4):101-116. <sup>13.</sup> B Akoglu, et al. European Journal of Clinical Nutrition (2007), 1-6. <sup>14.</sup> Scott JM, et al.Lancet. 1981 2:337-340. <sup>15.</sup> Natural Standard Research Collaboration (NIH). Folate (folic acid) Monograph 2009. <sup>16.</sup> Alternative Medicine Review Vitamin B6 Monograph Volume 6, Number 1, 2001. <sup>17.</sup> Natural Standard Research Collaboration (NIH). Vitamin B12Monograph 2009. <sup>18.</sup> Boykin J.V. Jr. Wound Rep Reg 2020;28:517-525