Multivitamins + Minerals + Iron + Folic Acid

Macrobee with Iron Forte

Tablet

Broad Formulation of Vitamins & Minerals, with Blood Forming Nutrients, Fortified with High Dose Folic Acid

Description

Macrobee with Iron Forte offers a comprehensive formula of various essential vitamins and minerals fortified with blood-forming nutrients such as iron and folic acid. The broad formulation is intended for the management of certain multivitamin, iron and folic acid deficiencies as well as various forms of anemia among adults, adolescents, pregnant women and the elderly. High-dose folic acid is incorporated to further ensure formation of healthy red blood cells, provide wider anti-anemia coverage, promote optimum fetal brain development and prevent neural tube defects.

Macrobee with Iron Forte contains Ferrous Fumarate, the iron salt with less metallic taste and minimal gastric irritating effects, making it beneficial for individuals with sensitive stomach, and sense of taste and smell.

Full Information

FORMULATION:

Each tablet contains:	
Folic Acid	5,000 IU
Vitamin A	3,000 IU
Cholecalciferol (Vitamin D3)	200 IU
Alpha-tocopheryl Acetate (Vitamin E)	16 IU
Ferrous Fumarate	310 mg (Equivalent to 102.3 Elemental Iron)
Calcium Lactate	250 mg
Ascorbic Acid (Vitamin C)	80 mg
Niacinamide (Vitamin B3)	20 mg
Thiamine Mononitrate (Vitamin B1)	10 mg
Zinc Sulfate	10 mg
Calcium Pantothenate	10 mg
Riboflavin (Vitamin B2)	5 mg
Pyridoxine HCl (Vitamin B6)	5 mg
Magnesium Sulfate	5 mg
Manganese Sulfate	1 mg
Copper Sulfate	200 mcg
Potassium Iodide	100 mcg
Cyanocobalamin (Vitamin B12)	50 mcg

INTRODUCTION:

The formula contains various essential vitamins and minerals reinforced with blood – forming nutrients such as iron and folic acid. It is intended for the management of certain multivitamin, iron and folic acid deficiencies as well as various forms of anemia among adults, adolescents, pregnant women and the elderly.

Women in their childbearing age are particularly susceptible to iron-deficiency anemia because of the blood loss from menstruation and the increased demands during pregnancy. Older people may also have greater risk of developing anemia because of poor diet and other existing medical conditions.

High-dose folic acid is incorporated to further ensure formation of healthy red blood cells, provide wider anti-anemia coverage, promote optimum fetal brain development and prevent neural tube defects (NTD).

Folic acid deficiency may result from inadequate dietary intake, impaired intestinal absorption secondary to gastrointestinal diseases, alcoholism and intake of drugs that inhibit folate absorption (i.e., anticonvulsants, phenytoin, oral contraceptives, and methotrexate). Dietary deficiency is common in the elderly, malnourished, and individuals who do not eat vegetables and fruits. Despite adequate dietary intake of folic acid, relative deficiency may be encountered in certain conditions where there are increased requirements for active DNA synthesis (such as in pregnancy, and hematologic disorders). In these circumstances, folic acid supplementation becomes important.

PHARMACOLOGICAL ACTIONS:

Ferrous fumarate is a clinically proven hematopoietic factor. Vitamin C is added for enhanced iron absorption. Vitamin B12 and folic acid further ensure wider anti-anemia coverage. Vitamin B9 (folic acid) is essential to numerous bodily functions ranging from nucleotide biosynthesis to the remethylation of homocysteine. The human body needs folate to synthesize and methylate DNA as well as to act as a cofactor in biological reactions involving folate. It is especially important during periods of rapid cell division and growth. As folic acid is necessary in the synthesis of DNA, it is essential in the formation of different body cells. Folic acid is necessary for the normal production and maturation of red blood cells. Deficiency of folic acid results in megaloblastic anemia.

By promoting the absorption of calcium in the body, vitamin D strengthens the bones and teeth. Vitamins C, E and Zinc are antioxidants that strengthen the body's immune defense and protect the body against diseases. Vitamin A maintains healthy epithelial tissues of the skin and mucus membranes in the nose, throat, eyes, respiratory tract, gastrointestinal tract, and urinary tract.

These active substances which individually exhibit well-defined actions and which mutually complement each other, place this preparation of MULTIVITAMINS + MINERALS + IRON + FOLIC ACID (MACROBEE™ with IRON FORTE) tablet in the class of select formulations which offer comprehensive coverage in the management of various forms of anemia.

INDICATIONS:

- For the treatment of Iron deficiency anemia associated with:
- Nutritional deficiencies
- Periods of rapid adolescent growth
- Pregnancy and lactation
- Excessive menstrual flow
- Traumatic or endogenous hemorrhages
- Convalescence following surgery
- Old age and other conditions leading to poor iron absorption
- For the prevention of folate deficiency in pregnant women and neural tube defects, including spina bifida and anencephaly.
- For the prophylaxis and treatment of folic acid deficiency.

DOSAGE AND ADMINISTRATION:

One tablet per day or as prescribed by the physician.

CONTRAINDICATIONS/PRECAUTIONS:

Because it may mask the hematologic abnormalities while neurological damage progresses, folic acid should not be used in the therapy of patients with vitamin B12 deficiency of any cause, unless there is associated folate deficiency. Megaloblastic anemia secondary to vitamin B12 deficiency; folic acid may obscure pernicious anemia and may produce hematologic remission while neurological damage progresses. The folic acid content of one tablet a day however, is unlikely to mask pernicious anemia should this condition be present. For iron utilization disturbances, excess iron storage may occur.

DRUG INTERACTIONS:

Folic acid may partially reverse the antiepileptic effects of phenobarbital, diphenylhydantoin, and primidone, and thereby increase seizure frequency. It is not recommended to take MULTIVITAMINS + MINERALS + IRON + FOLIC ACID and tetracycline antibiotics at the same time because these preparations may delay the absorption of iron.

ADVERSE EFFECTS:

Folic acid is generally well tolerated in prescribed dosage. Gastrointestinal disturbances and hypersensitivity reaction are rare. It should not be given alone or in conjunction with inadequate amounts of vitamin B12 in the treatment of undiagnosed megaloblastic anemia. Proper hematological diagnosis is essential.

As with all iron preparation, the stool may become black after administration. However, this is completely harmless.

AVAILABILITY:

Foil Strip x 4's (Box of 100's).