

MethylAssist

Supports neurological, cardiovascular and emotional health[†]

INDICATIONS

- Ages 18 and up
- Cardiovascular and neurological system support[†]

BENEFITS

- Promotes healthy endothelial function[†]
- Supports the methylation of homocysteine to methionine[†]
- Helps maintain peripheral nerve health and comfort[†]

FEATURES

- Includes Metafolin[®], the naturally occurring, universally metabolized form of folate
- Made with high-quality ingredients backed by verifiable science

VERIFIABLE SCIENCE

Folate, vitamin B₁₂ and vitamin B₆ offer cardiovascular support by promoting healthy endothelial function and methylation, a process that is critical for the conversion of homocysteine to methionine. Methylation enables the synthesis of S-adenosylmethionine, an important methyl donor used in methylation reactions in the cardiovascular and nervous systems.¹⁻³ Methylation is the transfer of a methyl group (CH₃) from one molecule to another. This exchange enables the synthesis of neurotransmitters and cell membrane phospholipids.³ Methylation also regulates various aspects of gene expression and cellular function. Healthy methylation is vital for cellular health, hormone and neurotransmitter production, and energy metabolism.³ Optimal levels of B vitamins have been associated with neurological and psychological health.⁴ Folate is provided in this formula as Metafolin[®], the naturally occurring, universally metabolized form of folate. Metafolin[®] is chemically identical to the active folate metabolite, 5-methyltetrahydrofolate (L-5-MTHF). L-5-MTHF is the predominant, naturally occurring form of folate in food. Through bypassing several enzymatic activation steps, it is directly usable by the body and provides all of the benefits of folic acid regardless of functional or genetic variations.⁵ Research suggests that folate and benfotiamine promote healthy endothelial function, vascular dilation and nitric oxide status, as well as help maintain healthy

nervous system function and comfort.⁶ In a randomized, controlled study, benfotiamine supported healthy nerve conduction velocity and nerve comfort.⁷ In another trial, a combination of L-methylfolate, methylcobalamin and pyridoxal-5-phosphate promoted healthy epidermal nerve fiber density and nerve comfort.^{8†}

SUGGESTED USE

As a dietary supplement, take 1 capsule daily, with a meal, or as directed by a health professional.

STORAGE

Store in a cool, dry place.

WARNING

If you are pregnant or lactating, have any health condition or are taking any medication, consult your health professional before use.

SOURCE

- Folate (as Metafolin[®], L-5-MTHF)
- BenfoPure[®] benfotiamine and pyridoxal 5' phosphate are synthetic
- Vitamin B₁₂ (methylcobalamin) is derived from corn dextrose fermentation
- Hypoallergenic plant fiber is derived from pine cellulose

NOTES

Size 3 caps

Bottle count 90

Order code MAS9

Bottle size 75 cc

REFERENCES

1. Flippo TS, et al. Arch Surg. 1993 Dec;128(12):1391-5.
2. Schnyder G, et al. JAMA. 2002 Aug 28;288(8):973-9.
3. Douaud G, et al. Proc Natl Acad Sci U S A. 2013 Jun 4;110(23):9523-8.
4. Groff JL, Gropper SS, Hunt, SM. Advanced Nutrition and Human Metabolism. 2nd ed. West Publishing Co., St. Paul MN, USA; 1995.

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- 5. Lamers Y, et al. *Am J Clin Nutr.* 2006 Jul;84(1):156-61.
- 6. Stirban A, et al. *Int J Vas Med.* 2012. 1; 1-7.
- 7. Winkler G, et al. *Arzneimittelforschung.* 1999 Mar;49(3):220-4.
- 8. Jacobs AM, et al. *Rev Neurol Dis.* 2011;8(1-2):39-47.

SUPPLEMENT FACTS

1 capsule daily, with a meal, or as directed by a health professional.

Each (size 3) vegetarian capsule contains:

Vitamin B ₆ (as pyridoxal 5' phosphate) (activated B ₆)	16 mg
Folate (as Metafolin [®] , L-5-MTHF) 1,667 mcg DFE (1,000 mcg L-5-MTHF)	
Vitamin B ₁₂ (as methylcobalamin)	1,000 mcg
BenfoPure [®] benfotiamine	75 mg

Other ingredients: hypoallergenic plant fiber (cellulose), vegetarian capsule (cellulose, water)

Metafolin[®] is a registered trademark of Merck KGaA, Darmstadt, Germany.

BenfoPure[®] is a registered trademark of Hamari Chemicals USA, Inc.



MethylAssist	Quantity	Order Code
	90	MAS9

Visit PureEncapsulationsPro.com for more information about our GMO policy.

[†]These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.