



# Nutri-CheIX

## Support for Healthy Glutathione Levels and Detoxification\*

NutriDyn Nutri-CheIX is a unique formula that contains bioactive, patented forms of vitamin B12 (as methylcobalamin) and vitamin B9/folic acid (as BioFolate®), as well as key antioxidants that support cardiovascular function, the nervous system, and cellular health.\*

### How Nutri-CheIX Works

Vitamins B9 and B12 have ubiquitous actions in the body and are involved in practically every metabolic reaction in cells. They are key for myriad physiological processes such as proper formation of neurotransmitters, energy production, cellular respiration, and maintaining healthy DNA.\*<sup>1</sup> Unfortunately, the folic acid found in food and many multivitamin supplements needs to go through several enzymatic conversions to be converted to its bioactive form called L-5-methyltetrahydrofolate (5-MTHF).

BioFolate® found in Nutri-CheIX contains pure 5-MTHF for supporting normal folate status, regardless of whether you lack the necessary enzymes to properly utilize folic acid.\* In fact, recent research suggests that when combined, metabolically active folate and supplemental vitamin B12 are effective for supporting cognition, energy production, and neural tissue.\*<sup>2,3</sup>

Also included in Nutri-CheIX is a comprehensive panel of key minerals (zinc, selenium, potassium) that support cardiovascular and nervous system function.\*<sup>4</sup> Powerful antioxidants found in Nutri-CheIX, including N-acetylcysteine (NAC), quercetin, and alpha-lipoic acid (ALA), work synergistically to promote a healthy inflammatory response in tissues throughout the body by scavenging reactive oxygen species and cytokines.\*<sup>5,6,7</sup>

### Nutri-CheIX Supplementation

Research cited herein suggests BioFolate® and vitamin B12 have a pivotal role in supporting healthy nervous and cardiovascular system function, among many other body systems.\* Moreover, the key minerals and antioxidants found in Nutri-CheIX work to support cellular health and promote healthy inflammation.\*

To summarize, the most pertinent research-backed benefits of supplementation with Nutri-CheIX may include:

- Supports cardiovascular function and energy production\*
- Promotes antioxidant capacity in the body\*
- Supports nervous system function and healthy mood\*
- Helps support and maintain cellular integrity\*
- Supports healthy inflammatory response\*



**Form: 300 Capsules**

**Serving Size: 5 Capsules**

Ingredients	Amount	%DV*
Folate (as calcium L-5-methyltetrahydrofolate) (BioFolate®)	150 mcg	38%
Vitamin B12 (as methylcobalamin)	750 mcg	31,250%
Zinc (as zinc picolinate)	15 mg	136%
Selenium (as L-selenomethionine)	150 mcg	272%
Potassium (as potassium citrate)	300 mg	6%
N-Acetyl Cysteine	500 mg	**
Quercetin	425 mg	**
Alpha-Lipoic Acid	150 mg	**
Natural Mixed Tocopherols	56 mg	**

#### Other Ingredients:

Hypromellose, microcrystalline cellulose, vegetable magnesium stearate, silica.

BioFolate® is a federally registered trademark of MTC Industries, Inc.

#### Directions:

Take five capsules twice daily as a dietary supplement, or as directed by your healthcare practitioner.

**Caution:** If you are pregnant, nursing, or taking medication, consult your healthcare practitioner before use. Keep out of reach of children.



GLUTEN-FREE



DAIRY-FREE



NON-GMO



PRODUCED IN A cGMP FACILITY

\* 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.

## References:

1. Calvaresi, E., & Bryan, J. (2001). B Vitamins, Cognition, and Aging a Review. *The Journals of Gerontology Series B: Psychological Sciences and Social Sciences*, 56(6), P327-P339.
2. Scaglione F, Panzavolta G. (2014). Folate, folic acid and 5-methyltetrahydrofolate are not the same thing. *Xenobiotica*.
3. Eussen, S. J., de Groot, L. C., Joosten, L. W., Bloo, R. J., Clarke, R., Ueland, P. M., ... & van Staveren, W. A. (2006). Effect of oral vitamin B-12 with or without folic acid on cognitive function in older people with mild vitamin B-12 deficiency: a randomized, placebo-controlled trial. *The American journal of clinical nutrition*, 84(2), 361-370.
4. Vaskonen, T. (2003). Dietary minerals and modification of cardiovascular risk factors. *The Journal of nutritional biochemistry*, 14(9), 492-506.
5. Valerio, D. A., Georgetti, S. R., Magro, D. A., Casagrande, R., Cunha, T. M., Vicentini, F. T., ... & Verri Jr, W. A. (2009). Quercetin reduces inflammatory pain: inhibition of oxidative stress and cytokine production. *Journal of Natural Products*, 72(11), 1975-1979.
6. Ates, B., Abraham, L., & Ercal, N. (2008). Antioxidant and free radical scavenging properties of N-acetylcysteine amide (NACA) and comparison with N-acetylcysteine (NAC). *Free radical research*, 42(4), 372-377.
7. Ghibu, S., Richard, C., Delemasure, S., Vergely, C., Mogosan, C., & Muresan, A. (2008, June). An endogenous dithiol with antioxidant properties: alpha-lipoic acid, potential uses in cardiovascular diseases. In *Annales de cardiologie et d'angiologie* (Vol. 57, No. 3, pp. 161-165).