

VitalMedix™

Applications

- Immune Support
- Healthy Inflammatory Response Support
- Blood Sugar Support
- Athletic Support



Introduction

NutraMedix VitalMedix™ is a proprietary blend of hydro-ethanol extracts from **moringa leaf** (*Moringa oleifera*) and **Samento® cat's claw bark** (*Uncaria tomentosa*).

Moringa (*M. oleifera*) belongs to the Moringaceae family. It contains micronutrients such as calcium, iron, vitamin A and carotenoids, in addition to polyphenols such as phenolic acids and flavonoids, glucosinolates, isothiocyanates, tannins and saponins.^{1,2} The main polyphenols are quercetin, myrecytin, and kaempferol.² Moringa may help with immune system support,³ inflammatory response support,⁴ blood glucose support,^{5,6} and athletic support.^{7,8}

Cat's claw (*U. tomentosa*) belongs to the Rubiaceae family. **Samento cat's claw bark** is extracted from the rare pentacyclic chemotype of *U. tomentosa*, which is TOA-free, with levels in trace amounts or undetectable. This pentacyclic oxindole alkaloid (POA)-predominant, tetracyclic oxindole alkaloid (TOA)-free form of *U. tomentosa* may help with inflammatory response support and immune system support.^{9,10}

NutraMedix VitalMedix is made at our U.S. manufacturing facility using a specialized proprietary extraction process that optimizes the constituents of the herbs in their original, unprocessed state to obtain broad-spectrum concentration. Because our extracts are made in

our own facility, we control all aspects of quality, including stringent ID testing, microbial testing, and heavy metal testing. VitalMedix rigorously follows current good manufacturing practices (cGMP), as do our suppliers.

Immune System Support

Both **moringa** and **cat's claw** may help support a healthy immune response and maintain immune system homeostasis.^{3,11} **Moringa** (*M. oleifera*) may help support a healthy antibody response and to maintain neutrophils already within the normal range.³ **Cat's claw** (*U. tomentosa*) may help maintain neutrophil, Th1, and Th2 levels already within the normal range.¹¹⁻¹³ It should be noted that only TOA-free cat's claw (such as Samento) helps with immune support.⁹

Healthy Inflammatory Response Support

Moringa (*M. oleifera*) may help support a healthy inflammatory response.^{4,14} In animal studies, it has been shown to help maintain IL-6, TNF-alpha, IL-1-beta, IFN-gamma and NF-kappa B already within the normal range.¹⁵⁻¹⁷ **Cat's claw** (*U. tomentosa*), pentacyclic chemotype, may also support a healthy inflammatory response.^{10,18} Cat's claw may help support NF-kappa B levels already within the normal range in a dose-dependent

manner;^{18,20} supporting both TNF-alpha and IL-1-beta within the normal range.²¹

Blood Sugar Support

Both **moringa** (*M. oleifera*) and **cat's claw** (*U. tomentosa*) may help with blood sugar support.^{*5,6,21-23} **Moringa** may help inhibit the enzyme alpha-amylase, delaying the breakdown of polysaccharides.⁵ It may also support healthy insulin secretion and maintain healthy glucose levels already within the normal range.^{*5,6} **Cat's claw** may help inhibit the enzyme alpha-glucosidase, delaying the absorption of saccharides, and may help support healthy insulin sensitivity.^{11,23,24}

Athletic Support

Moringa (*M. oleifera*) may help with athletic support, attributed to its polyphenol content.⁷ It may help delay the buildup of lactic acid and maintain efficient metabolism of both glucose and lipids.^{*7,8,25}

Safety and Cautions

Moringa (*M. oleifera*) is generally well-tolerated.²⁶ It may decrease the effectiveness of T4-containing

drugs as it may inhibit the conversion of T4 to T3.²⁶ **Moringa** may inhibit CYP3A4 enzymes and slow the metabolism of CYP3A4 substrates.²⁶ It may also increase the levels of P-glycoprotein substrates.²⁶

Cat's claw (*U. tomentosa*) is generally well tolerated. Gastrointestinal effects such as nausea, constipation, and diarrhea have been reported.²⁷ Cat's claw should be avoided in those taking immunosuppressants, as it may interfere with immunosuppressant therapy.²⁷ Cat's claw may inhibit P450 CYP3A4 enzymes and may slow the metabolism of drugs metabolized by CYP3A4.²⁷ Cat's claw may have additive effects with anticoagulants,²⁸ as well as additive effects with hypotensive drugs, both generally attributed to the TOAs rhynchophylline and isorhynchophylline.^{29,30} **As a reminder, Samento cat's claw is TOA-free, with levels in trace amounts or undetectable.**

Safety is not documented in breastfeeding or pregnant women, or in children under age 3, due to insufficient safety research.

***This statement has not been evaluated by the Food and Drug Administration. This product is not intended to treat, cure, or prevent any diseases.**

References

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NutraMedix. 

SHAKE WELL BEFORE EACH USE.

Take 30 minutes before meals:

- Moderate support: 20 drops twice daily.
- Maximum support: 30 drops twice daily.

Dosing may also be directed by your physician. Put drops in 4oz. (120mL) of water and wait one minute before drinking. Do not use if pregnant or nursing. Stop use if adverse reactions develop. Keep out of reach of children.

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100% of profits donated to IWasHungry.net

VITALMEDIX™

**IMMUNE / HEALTHY INFLAMMATORY
RESPONSE SUPPORT †**

Dietary Supplement

2 fl oz. (60 mL)

Supplement Facts

Serving Size 30 drops (1.5 mL)
Servings Per Container 40

Amount Per Serving	
Proprietary Blend	1.5 mL*
Moringa oleifera leaf extract and Ulmaria tomentosa bark extract (Pentacyclic chemotype)	

*Daily Value not established

Other ingredients: mineral water,
ethanol (20-24%)

NutraMedix. 

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Lot #
Exp.

V328282

PROFESSIONAL USE ONLY