



MATICO EXTRACT

2 Fluid Ounces (60 ml)

Retail price: \$23.00

Description: Matico is a tropical, evergreen, shrubby tree that grows to the height of 6 to 7 m with lanceolate leaves that are 12 to 20 cm long. It is native to most all of tropical South America as well as Southern Mexico, the Caribbean, and much of tropical Latin America. For more complete information on this unique rainforest plant, please see the Raintree Nutrition internet website and the online [Tropical Plant Database](#).

Traditional Uses:* for digestive problems (vomiting, nausea, stomachaches, dyspepsia); as a carminative and stomachic to expel intestinal gas and aid digestion; as an antiseptic wound healer for cuts, scrapes, ulcers, boils, etc.; as a hemostat for internal bleeding (uterine, gastric, pulmonary); for colds, flu, coughs, bronchitis, pneumonia and other respiratory problems

Ingredients: 100% pure matico leaves (*Piper aduncum*) extracted in distilled water and vegetable glycerine. No chemical additives or preservatives are used. Concentration and extraction methods provide the equivalent of 500 mg matico leaves per milliliter of extract. This product is non-irradiated and non-fumigated. It is a wild harvested product—grown naturally in the Peruvian Amazon without any pesticides or fertilizers.

Suggested Use: Take 60 drops 2 - 3 times daily or as needed. Can also be applied topically to the skin if desired.

Contraindications: None reported.

Drug Interactions: None reported.

Clinical Documentation and Research:* This Raintree product has not been the subject of any clinical research. Available third-party documentation and clinical research on matico be found at the [Raintree website](#). A partial listing of the research on matico is shown below:

Cytotoxic & Antitumor Actions:

Orjala, J., et al. "Two chromenes and a prenylated benzoic acid derivative from *Piper aduncum*." *Phytochemistry*. 1993; 34(3): 813-818.

Orjala, J., et al. "Cytotoxic and antibacterial dihydrochalcones from *Piper aduncum*." *J. Nat. Prod.* 1994; 57(1): 18-26.

Orjala, J., et al. "Aduncamide, a cytotoxic and antibacterial beta-phenylethylamine-derived amide from *Piper aduncum*." *Nat. Prod. Lett.* 1993; 2(3): 231-236.

Antibacterial Actions:

Orjala, J., et al. "New monoterpene-substituted dihydrochalcones from *Piper aduncum*." *Helv. Chim. Acta* 1993; 76(4): 1481-1488.

Kloucek, P., et al. "Antibacterial screening of some Peruvian medicinal plants used in Calleria district." *J. Ethnopharmacol.* 2005 Jun; 99(2): 309-12.

Lemos, T. L. G., et al. "Antimicrobial activity of essential oils of Brazilian plants." *Phytother. Res.* 1990; 4(2): 82-84.

Lentz, D. L., et al. "Antimicrobial properties of Honduran medicinal plants." *J. Ethnopharmacol.* 1998; 63(3): 253-263.

Trillini, B., et al. "Chemical composition and antimicrobial activity of essential oil of *Piper angustifolium*." *Planta Med.* 1996; 62(4): 372-373.

Orjala, J., et al. "Cytotoxic and antibacterial dihydrochalcones from *Piper aduncum*." *J. Nat. Prod.* 1994; 57(1): 18-26.

Orjala, J., et al. "Three new prenylated benzoic acid derivatives and molluscicidal sesquiterpenoids from *Piper aduncum* leaves." *Planta Med. Suppl.* 1992; 58(1) A714-.

Orjala, J., et al. "Five new prenylated p-hydroxybenzoic acid derivatives with antimicrobial and molluscicidal activity from *Piper aduncum* leaves." *Planta Med.* 1993; 59(6): 546-551.

Orjala, J., et al. "Aduncamide, a cytotoxic and antibacterial beta-phenylethylamine-derived amide from *Piper aduncum*." *Nat. Prod. Lett.* 1993; 2(3): 231-236.

Antifungal Actions:

Orjala, J., et al. "Two chromenes and a prenylated benzoic acid derivative from *Piper aduncum*." *Phytochemistry*. 1993; 34(3): 813-818.

Lemos, T. L. G., et al. "Antimicrobial activity of essential oils of Brazilian plants." *Phytother. Res.* 1990; 4(2): 82-84.

Lentz, D. L., et al. "Antimicrobial properties of Honduran medicinal plants." *J. Ethnopharmacol.* 1998; 63(3): 253-263.

Trillini, B., et al. "Chemical composition and antimicrobial activity of essential oil of *Piper angustifolium*." *Planta Med.* 1996; 62(4): 372-373.

Lago, J. H., et al. "Benzoic acid derivatives from *Piper* species and their fungitoxic activity against *Cladosporium cladosporioides* and *C. sphaerospermum*." *J. Nat. Prod.* 2004; 67(11):1783-8.

Navickiene, H., et al. "Composition and antifungal activity of essential oils from *Piper aduncum*, *Piper arboreum* and *Piper tuberculatum*." *Quim. Nova.* 2006; 20(3): 467-470.

Anti-Candida & Anti-yeast Actions:

Lemos, T. L. G., et al. "Antimicrobial activity of essential oils of Brazilian plants." *Phytother. Res.* 1990; 4(2): 82-84.

Lentz, D. L., et al. "Antimicrobial properties of Honduran medicinal plants." *J. Ethnopharmacol.* 1998; 63(3): 253-263.

Trillini, B., et al. "Chemical composition and antimicrobial activity of essential oil of *Piper angustifolium*." *Planta Med.* 1996; 62(4): 372-373.

Antiviral Actions:

Lohezic, L. E., et al. "Antiviral and cytotoxic activities of some Indonesian plants." *Fitoterapia.* 2002 Aug; 73(5): 400-5.

Anti-Leishmanial, Anti-schistosomiasis & Molluscicidal Actions:

Torres-Santos, E. C., et al. Selective effect of 2',6'-dihydroxy-4'-methoxychalcone isolated from *Piper aduncum* on *Leishmania amazonensis*." *Antimicrob. Agents Chemother.* 1999; 43(5): 1234-1241.

Torres-Santos, E. C., et al. Improvement of in vitro and in vivo antileishmanial activities of 2', 6'-dihydroxy-4'-methoxychalcone by entrapment in poly(D,L-lactide) nanoparticles." *Antimicrob. Agents Chemother.* 1999; 43(7): 1776-8.

Orjala, J., et al. "Two chromenes and a prenylated benzoic acid derivative from *Piper aduncum*." *Phytochemistry*. 1993; 34(3): 813-818.

Orjala, J., et al. "Three new prenylated benzoic acid derivatives and molluscicidal sesquiterpenoids from *Piper aduncum* leaves." *Planta Med. Suppl.* 1992; 58(1) A714-.

Orjala, J., et al. "Five new prenylated p-hydroxybenzoic acid derivatives with antimicrobial and molluscicidal activity from *Piper aduncum* leaves." *Planta Med.* 1993; 59(6): 546-551.

This product is sold through [Raintree Nutrition](#) and can be found in retail stores. Please contact a health professional concerning other observations and/or effects of this product and/or if you have any disease, condition, or illness for which you are seeking treatment or products for.

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*The statements contained herein have not been evaluated by the Food and Drug Administration.
This product is not intended to treat, cure, or prevent any disease.