

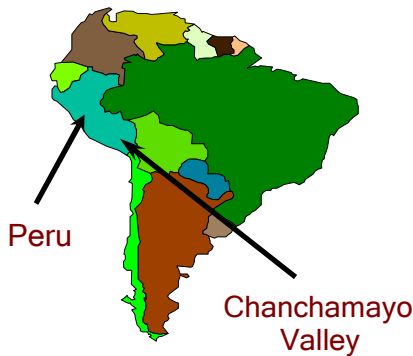
DAILY MANUFACTURING INC.



Cat's Claw

Amazing Herb From The Jungles of Peru

Cat's claw, or *uña de gato*, has been used in traditional medicine in South America for over 2,000 years, but has only recently been introduced to Western society. Cat's Claw is a large vine that grows among the large jungle trees. It gets its name from the long thorns resembling a cat's claw. In spite of its recent introduction, Cat's Claw has produced considerable excitement in both the alternative medicine and scientific circles. If only a few of the traditional uses of Cat's Claw (see next section) are scientifically verified, it will be one of the most significant breakthroughs in herbal medicine of this century. There are two species of Cat's Claw currently in use - *Uncaria tomentosa* and *Uncaria guianensis*. Daily's Cat's Claw is the *Uncaria tomentosa*, the species used by the Asháninka tribe in the Peruvian rain forest.



The Asháninka Indians in the Peruvian rainforests of the Chanchamayo Valley are best known for the use of Cat's Claw.

Traditional vs Modern Medicine

Cat's claw has only recently left the realm of the traditional medicine shamans of South America. Only a few preliminary studies have investigated the health benefits of Cat's claw using scientific methodology. Cat's claw should not be used for the treatment of disease but as an herbal nutritional support for maintaining optimal health.

Traditional Uses of Cat's Claw

Many modern medicines and nutrients were discovered because of traditional uses of plants. The South American rain forests have abundant plant life that are under intense scientific investigation to find new substances for the prevention and treatment of disease. Traditional uses by the local population provide clues to possible uses of herbs. The traditional uses of Cat's Claw by the Asháninka tribe in Peru includes:

- * Arthritis
- * "Bone Pains"
- * Cancer
- * Contraception
- * Inflammation
- * Wounds
- * Asthma
- * Fevers
- * Recovery from childbirth
- * Weakness
- * And much more!

It is unlikely that any herb can do everything that has been attributed to Cat's Claw! However, the available scientific research, although preliminary, is encouraging and is reviewed on the next page.

Scientific Research

Recent research suggests that there may be a scientific basis for some of the traditional uses of Cat's Claw. Cat's claw contains many unique compounds with biological activity. Perhaps most important are the oxindole alkaloids, one of which is shown below. Cat's claw extracts have been demonstrated to have anti-mutagenic effects¹. Because mutagenesis leads to the development of cancer, this research suggests a protective effect of Cat's Claw. *Uncaria tomentosa* alkaloids have also been shown to reduce the harmful effects (inflammation) of the immune system while enhancing the beneficial effects (phagocytosis)^{2,3}. Other investigators have demonstrated antiviral activity against *Rhinovirus*⁴, and confirmed the anti-inflammatory activity of *Uncaria tomentosa*⁵. Other

species of *Uncaria* have also been studied and have been found to relax vascular smooth muscles and had an effect on lowering blood pressure^{6,7,8}. All of the scientific research cited here is preliminary and should not be considered as proof that Cat's Claw can cure or prevent any disease. However, the research is encouraging and lends support to some of the traditional uses of the herb.

References:

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2. Aquino et al. (1991) Plant metabolites. New Compounds and anti-inflammatory activity of *Uncaria tomentosa*. *J. Nat. Prod.* 54:453-459.
3. Wagner et al. (1985) The alkaloids of *Uncaria tomentosa* and their phagocytosis-stimulating action. *Planta Med.* 5:419-423.
4. Aquino et al. (1989) Plant metabolites. Structure and in vitro antiviral activity of quinovic acid glycosides from *Uncaria tomentosa* and *Guettarda platypoda*. *J. Nat. Prod.* 52:679-685.
5. Senatore et al. (1989) Phytochemical and biological study of *Uncaria tomentosa*. *Boll. Soc. Ital. Biol. Sper.* 65:517-520.
6. Kuramochi et al. (1994) Gou-teng induced endothelium-dependent relaxations in the isolated rat aorta. *Life Sci.* 54:2061-2069.
7. Oshima et al. (1983) Hypotensive effects of *Uncaria hooks*. *Planta Med.* 49:188-190.
8. Aisaka et al. (1985) Hypotensive action of 3 alpha-dihydrocadambine, and indole alkaloid glycoside of *Uncaria hooks*. *Plan. Med.* 5:424-7

?! ? Did You Know ?! ?

The harvesting of wild products from the Amazon rain forests provides economic incentive for its preservation and a livelihood for local populations.

Daily Cat's Claw combines the whole herb with a standard potency extract with 3% oxindole alkaloids.

Why Use Whole Herbs & Herbal Extracts

Whole herbs are the most natural approach to using herbs, and is the way that they were usually used by traditional herbalists. However, natural products such as herbs can vary considerably from one lot to another and are affected by growing conditions, location, season and many other factors. Modern herbalists frequently use herbal extracts that are standardized to measured potencies of known active ingredients. This has the advantage of obtaining consistent results. The disadvantage is that the extraction process may remove compounds that are not known to be active ingredients. The primary active ingredients in Cat's Claw are believed to be the oxindole alkaloids, but other compounds also have demonstrated activity. Combining the standardized extract with whole herb is the optimal approach to herbal supplementation.



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