

Actiphyte[®] of Paraguay Tea Conc.



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CTFA/INCI NAME: Ilex Paraguariensis Leaf Extract

LATIN NAME: *Ilex paraguariensis*

CAS NUMBER: 84082-59-7; 73296-98-7 EINECS NUMBER: 277-364-4

PART USED: Leaves

OTHER COMMON NAMES: Mate, Paraguay Tea, Yerba Mate, Ilex Mate, Houx Mate, Jesuit's Tea, Brazil Tea, Gon gouha, St. Bartholomew's Tea

HISTORIC USES:

Paraguay Tea (Yerba mate) is primarily cultivated for the leaves, esteemed as an aromatic, stimulating beverage, with a somewhat bitter taste. The caffeine content acts as a central nervous system stimulant (tonic, etc.) and as a diuretic. Mate tea as it is called throughout much of South America is the "national drink", and the people ascribe many beneficial effects to it. It is thus not surprising that in Europe, mate is praised as "the green gold of the Indios", as a "natural remedy and magic drink" and especially as "the ideal slimming remedy, which facilitates losing weight in a natural way. The major xanthines in Paraguay Tea Concentrate are Caffeine, Theobromine, and Theophylline. These materials have been associated with a multitude of beneficial healthful properties, including suppression of inflammation and irritation, and reduction of cellulite.

SUGGESTED COSMETIC USES:

Paraguay Tea can be used in astringents; skin care creams, lotions, toners, gels, moisturizers, and bath care products. The presence of Xanthines can help reduce the irritation of cosmetically active ingredients such as alpha- and beta- hydroxy acids. Also, Paraguay Tea extract can potentiate the activity of sunscreens, permitting a lower concentration of organic sunscreens for a given SPF. Paraguay Tea extract is astringent, lipolytic, stimulant, tonic, and vasodilatory.

USAGE LEVEL: Recommended 5 - 10% in skin care products.

SPECIFICATIONS	Appearance:	Light to medium yellow liquid
	pH:	4.0 - 6.5 at 25° C
	Odor:	Characteristic
	Solubility:	Soluble in water at any proportion
	Specific Gravity:	1.02 - 1.05 at 25° C
	Refractive Index:	1.3700 - 1.4075 at 25° C
	Microbial Plate Count:	Less than 100 organisms per gram
	Preservative Phenonip:	1.0%
	Caffeine	1.50% - 2.50%
	Theophylline	0.40% - 0.80%
	Theobromine	0.02% - 0.05%

EXTERNAL USE ONLY - NOT FOR DRUG USE

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