

Actigen[®] Y

CTFA/INCI NAME: Hexyldecanol (and) Dioscorea Villosa (Wild Yam) Root Extract

LATIN NAME: *Dioscorea villosa*

CAS NUMBER: 2425-77-6, 90147-49-2 EINECS NUMBER: 219-370-1, 290-441-7

PART USED: Rhizomes

OTHER COMMON NAMES: Colic Root, Wild Yam, Rheumatism Root

HISTORIC USES:

American herbalists have been known to use wild yam root to treat painful menstruation, ovarian pain and cramps, and problems of childbirth. Japanese research in the mid 1930's discovered glycoside saponins from which the steroid saponin, primarily diosgenin, could be derived. Prior to this event it was believed that plants did not contain steroid saponin precursors. Formerly, this plant was used as the most widely prescribed and popular birth control pill, diosgenin, leading many to believe what ancient Mexican women knew all along--they used wild yam as a contraceptive.

SUGGESTED COSMETIC USES:

Actigen[®] Y can be used in lotions and washes, as well as, in cleansers, moisturizers, shadows, and products formulated for sensitive or inflamed skin. It can also be used in astringents, toners, creams, lotions, and gels.

USAGE LEVEL: Recommended 3 – 6 % in skin and hair care products

SPECIFICATIONS:	Appearance:	Colorless to light yellow liquid
	Diosgenin Content:	2.80 – 3.20%
	Microbial Plate Count:	Less than 100 organisms per gram
	Odor:	Characteristic
	Refractive Index:	1.4460 – 1.4550 at 25° C
	Solubility:	Soluble in oil at any proportion
	Specific Gravity:	0.82 – 0.86 at 25° C

EXTERNAL USE ONLY - NOT FOR DRUG USE

2002