



150 ml

reagen

crema completa

lenitiva + idratante

di complemento ai trattamenti
medico-estetici + post-laser

velocizza il ripristino del film idrolipido protettivo

senza profumo nikel tested

viso-corpo

principi attivi

burro di karitè 10% betasitosterolo 1%

(vitamine A-B-E-F
vitamine naturali
A. linoleico) **Aloe**

azione

idratante, lenitiva
normalizzante
emoliente
protettiva
antiossidante

(estrazione
di origine naturale)

azione

di complemento alla
risoluzione di irritazione
e arrossamento a livello
cutaneo

indicazioni

**secchezza cutanea,
prurito,
desquamazione,
stress cutanei**

**post-trattamenti
di medicina estetica
post-laser**

β -Sitosterol. (3 β)-Stigmast-5-en-3-ol; 22:23-dihydrostigmasterol; α -dihydrofucosterol; Δ^5 -stigmasten-3 β -ol; 24 β -ethyl- Δ^5 -cholest-3 β -ol; α -phytosterol; cinchol; cupreol; rhamnol; quebrachol; sitosterin; Harzol; Prostasal; Sito-Lande. C₂₉H₅₀O; mol wt 414.72. C 83.99%, H 12.15%, O 3.86%. Common sterol in plants. Isoln from wheat germ oil, corn oil: Anderson et al., J. Am Chem Soc 48, 2987 (1926); from rye germ oil: Gloyer, Schuette, ibid. 61, 1901 (1939); from cottonseed oil: Wallis, Chakravorty, J Org Chem 2, 335 (1937); from tall oil: Sandqvist, Bengtsson, Ber 64 2167 (1931). Also occurs in soy and calabar beans, in rice embryos: Tanaka, J Biochem 17, 483 (1933); in cascara, cinchona bark and cinchona wax: Dirscherl, Z Physiol Chem 235, 1 (1935). Prepn from tall oil: G. I. Fujimoto, A. E. Jacobson, J Org Chem 29, 3377 (1964). Identity with 22:23-dihydrostigmasterol: W. Dirscherl, H. Nahm, Ann 555, 57 (1944). Identity with cinchol: eidem, Ann 558, 231 (1947). Structure: Bernstein, Wallis, J Org. Chem 2, 341 (1937); Bergmann, Low, ibid. 12, 67 (1947); Shoppee, J Chem Soc 1948, 1032. Stereospecific synthesis: W. Sucrow, M. Slopianka, Ber 108, 3721 (1975). Clinical efficacy in treatment of type II hyperlipoproteinemia: R. S. Lees, A. M. Lees, in Lipoprotein Metabolism, H. Greten, Ed. (Springer-Verlag, New York, 1976) pp 119-124; P. Oster et al, ibid. pp 125-130. Studies on inhibition of cholesterol absorption: S. M. Grundy, H. Y. I. Mok, ibid. pp 112-118; J. Takeda, M. Sugano, Biochim Biophys Acta 732, 651 (1983). Inhibition of induced carcinogenesis: N. D. Nigro et al, J Natl Cancer Inst 69, 103 (1982). Clinical trial in treatment of prostatic adenoma: H.-P. Szutrely, Med Klin 77, 520 (1982). Book: Monographs on Atherosclerosis Vol. 10, T.B. Clarkson et al, Eds. entitled "Sitosterol" by O. J. Pollak, D. Kritchevsky (Karger, Basel, 1981) 219 pp.