



SPECIFICATIONS

BOTANICAL NAME

Lepidium meyenii Walp

FAMILY

Brassicaceae

PART USED

Hypocotyls

ORIGIN

Peru

PHYTOCHEMISTRY

The constituents of Maca Forte are:

Glucosinolates: including benzyl isothiocyanate and p-methoxybenzyl isothiocyanate determined as Total Glucosinolates by Spectrophotometric glucose release assay.*

Other constituents of maca are: flavonoids, alkaloids, glycosides, saponins, essential amino acids fatty acids, and protein.

Standardization: 0.60% Total Glucosinolates

Description: Free flowing ivory powder with characteristic odor and taste.

Assay method: Spectrophotometric glucose release assay.

Excipient: NON GMO tapioca Maltodextrine

Mesh: 80-100 mesh.

Besides the common nutrients, maca contains glucosinolates. Glucosinolates are typically converted, hydrolyzed by enzymes in the body, to isothiocyanates and sometimes isocyanates. (Johns 1981). It is a well-known fact that fertility levels are low at high altitudes (Sobrevilla, et al 1968) and many believe the nutritious content, the historical records, and the presence of aromatic glucosinolates strongly suggest its effective use as an aphrodisiac and emmenagogue (Leon 1964) (Johns 1981, 1986).

**Glucosinolates: The protective effect of member of Brassicaceae family against cancer may be due to their relatively high content of glucosinolates. Certain hydrolysis products of phytochemicals have shown anti carcinogenic properties. This association appears to be most consistent for lung, stomach, colon, and rectal cancer and least consistent for prostatic, endometrial, and ovarian cancer. (Epidemiological Studies on Brassica Vegetables and Cancer Risk Dorette T. H. Verhoeven, I R. Alexandra Goldbohm, Geert van Poppel, Hans Verhagen, and Piet A. van den Brandt Netherlands Organization for Applied Scientific Research, Nutrition and Food Research Institute, P.O. Box 360, 3700 AJ Zeist, and Department of Epidemiology, University of Limburg, 6200 MD Maastricht [R. A. G., P. A. B.], the Netherlands) **

*THESE STATEMENTS HAVE NOT BEEN EVALUATED BY THE FDA.
THIS PRODUCT IS NOT INTENDED TO DIAGNOSE, TREAT, CURE, OR PREVENT ANY DISEASE.

Test results are applicable only to the specific samples tested. Purchaser shall make their own test to determine the suitability of such products for their particular purposes.