



INSTYTUT ROŚLIN I PRZETWORÓW ZIELARSKICH

RESEARCH INSTITUTE OF MEDICINAL PLANTS

27 Libelta Street
61707 Poznan, Poland

Telephone 48/61/852-40-03
852-56-16

Fax 48/61/852-7463
Regon 000053321, NIP 777-00-02-151

iripz

L.dz.D/2833/00

Poznzn 18 October 2000

THE ESTIMATION of THE PHYTOCHEMICAL COMPOSITION and UTILIZATION QUALITY Of the PRODUCT Commonly Known as "ALVEO" made by AKUNA Health Products Inc.

The object of the estimation is a product commonly known as "ALVEO" which is in a liquid state. The biologically active components constitute more than 10 % of the product which is comprised of a quantitative mixture of twenty five liquid herbal extracts.

The plant's derived components represent the different properties - which in a positively directed mode influence (affecting) one or more bodily functions. It is possible to qualify them into three groups of biological activities:

- the group of tonic factors
- the group of immunomodulating factors
- the group of revitalizing and mineralizing factors

Quantitative and qualitative research regarding the phytochemical properties was done by the Research Institute of Medicinal Plants. This research proved a presence of natural biologically active components such as polyphenyloacids, flavonoids, anticyans and saponin's tritirpines within "ALVEO".

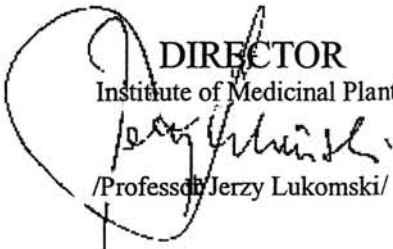
Experimentally measured contents of these components within the product known as ALVEO are at a low level but sufficient for presumed efficacy. The measured values are below the level of the borderline therapeutic dosages for biologically active components. In addition there is no presence of aloin in the product - aloin being a substance present in minute amounts in the leaves of Aloe Vera (an extract of this plant is one of the components of this product).

Recapitulation: the phytochemical research which has been done allows identification of the product by "finger print" method and allows for the possibility to make a quantity assessment of the biologically active components contained within the product.

Recapture analysis and phytochemical research done - qualify the product known as ALVEO to be grouped with special dietary supplements which can restore a state of natural balance within the body. The herbal extracts which are contained within the product are favourable to the restoration and maintenance of the body's natural homeostasis state.

ALVEO is a safe product designated for ordinary human consumption within the recommended dosages for a longer period of time.

The adaptogenic activity of ALVEO, especially when a stress is present, has two peculiarities - one is to lengthen the adaptation phase and at the same time oppose the "exhaust phase". In this way ALVEO is a safe herbal dietary supplement consisting of a minimal health dosage of components with restorative abilities and can maintain the body's natural balance.


DIRECTOR
Institute of Medicinal Plants
/Professor Jerzy Lukomski/

Appendix:

1. Analytical research of the product ALVEO