

4.5kV and the detector voltage was set at 1.56 kV. The HPLC analysis was used Gemini-NX C18 column (150 mm x 2 mm, 3µm; PHENOMENEX). Analysis was carried out by gradient elution with using mobile phase B in ratio (97% 0.1 M formic acid/ 3% acetonitrile) and mobile phase A in ratio (97% acetonitrile/ 3% 0.1 M formic acid) with 0.25 ml/min flow rate of mobile phase. To produce a calibration curve was used for three-point calibration (10 ppm, 80 ppm and 143.80 ppm). Quantitative analysis was performed using an external standard containing mixed of eight kinds of anthocyanins.

The qualitative analysis of the acetone and ethanol extracts before and after lyophilization in five plant species were carried out, the results of freeze-drying were not degradation of anthocyanins in qualitative terms. In the sample extract of plant species before and after lyophilization were identified the same representation of individual species of anthocyanins.

### **FLORIS: TOP LINE SUMMARY**

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The merger of companies “Adas” and “Floris” happened in 2004. Nowadays, the pharmaceutical group that was formed after the merger is the leader in Israel in manufacturing of vitamins and food supplements. All the products meet strict quality standards: GMP for drug manufacture, GMP standard for vitamins’ and food supplements’ manufacture and international quality standard ISO 9001:2000.

The company produces about 40 remedies which are registered, including galenic drugs, 30 cosmetic products such as creams, shampoos, lotions; more than 150 food supplements and vitamin products as tablets, capsules and liquids.

Products manufactured by “Floris” company is well-known at the pharmaceutical market of Israel, Middle East countries, USA, Hungary, Romania, Cyprus, Slovakia, Turkey, Bulgaria and Germany. During the last years it occupies new markets in such European countries as France, Italy and Russia.

All the products are made on the basis of high quality natural ingredients of plant, animal and mineral origin. Special drug lines for women, men and children are developed taking their age and physiological features into consideration. Vitamin and mineral complexes, remedies for immune system strengthening, drugs for prophylaxis and treatment of respiratory diseases, correction of functions of nervous, cardio-vascular, endocrine and digestive systems as well as cosmetics are of a great demand.

All products are hypoallergic, non-toxic and comply with cosher demands.

New technologies and modern science achievements for drugs, diet supplements and cosmetic products manufacture are applied. That provides competitiveness of “Floris” products at the world pharmaceutical market.

## **AMINOACID COMPOSITION OF THE POWDER FROM THE STEM CORE PULP OF HOODIA GORDONII**

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*Hoodia gordonii* (family Asclepiadaceae) is a plant growing in deserts of South-Western Africa and Angola.

According to the results of experiments conducted on rats it was shown that *Hoodia gordonii*'s extract suppresses appetite that leads to body weight loss. Later research on volunteers showed the positive trend for a weight loss without side