

The analysis of marine lipids for pharmaceutical use

Magdalena MITITELU^a, Mircea CRASMARU^b, Gabriela STANCIU^c and Sanda DAN^c

^a "Ovidius" University, Faculty of Medicine, Constanta, 8700,

^bI.N.C.D.M. Grigore Antipa, Constanta, 8700, Romania

^cDepartment of Chemistry, „Ovidius” University, 124 Mamaia Blvd, 8700 RO Constantza

Abstract. The marine organisms have a rich and complex content in essential active principles, which might be use in medical and pharmaceutical practice. The aim of this paper is to present the main physical-chemical and biochemical characteristics of some marine lipids, mussel lipid extracts and shark liver oil. The results obtaining show us the presence of essential fatty acids and fat-soluble vitamins in the two marine lipid extracts investigate. These are important arguments for the use of the lipid extracts in therapy.

Keywords: mussel lipid extracts, shark liver oil, polyunsaturated fatty acids, vitamins.
