

Supporting Information

Rec. Nat. Prod. 12:4 (2018) 340-349

Chemical composition and the potential of *Lavandula angustifolia* L. oil as a skin depigmentant

Felicia Andrei ^{1*}, Alexa Ersilia ², Camelia Tulcan ³ and

Anca Dragomirescu ¹ 

¹Faculty of Pharmacy, Department, Dermatopharmacy and Cosmetology, Victor Babes University of Medicine and Pharmacy, Piata E. Murgu 2, Timisoara 300041, Romania

²Faculty of Food Processing, Banat`s University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” from Timisoara, Calea Aradului 119, Timisoara 300645, Romania

³Faculty of Veterinary Medicine,, Banat`s University of Agricultural Sciences and Veterinary Medicine “King Michael I of Romania” from Timisoara, Calea Aradului 119, Timisoara 300645, Romania

Table of Contents	Page
Table S1: Composition of the three pharmaceutical formulation variants	2
Table S2: Composition according to INCI (International Nomenclature of Cosmetic Ingredients)	2
Table S3: Proximate composition of <i>Lavandula angustifolia</i>	3
Figure S1: The values of melanine inside and outside the melanine macula, during the mexametry assay	3

Table S1: Composition of the three pharmaceutical formulation variants

Rp/	Formula 1	Formula 2	Formula 3
Oryza sativa oil	10.00g	10.00g	10.00g
Glycerolum	9.80g	9.80g	9.80g
Mango butter	3.00g	3.00g	3.00g
Bolus alba	2.20g	2.20g	2.20g
Xanthan	0.50g	0.50g	0.50g
<i>Lavandulae aetheroleum</i>	0.50g	1.00g	1.50g
Aqua destillata	70.00g	70.00g	70.00g

Table S2: Composition according to INCI (International Nomenclature of Cosmetic Ingredients):

Composition according to INCI (International Nomenclature of Cosmetic Ingredients)
aqua
<i>Oryza sativa</i> (Germ rice) Oil
glycerol
<i>Mangifera indica</i> butter
C14-22 alcohol
C12-20 alkyl glucosides
white bolus
sucrose cocoate
benzyl alcohol
benzoic acid
sorbic acid

Table S3: Proximate composition of *Lavandula angustifolia*

Humidity (%)	Protein (%)	Oil (%)	Mineral substances (%)
8.79±0.20	12±0.05	1.84±0.45	7.02±0.05

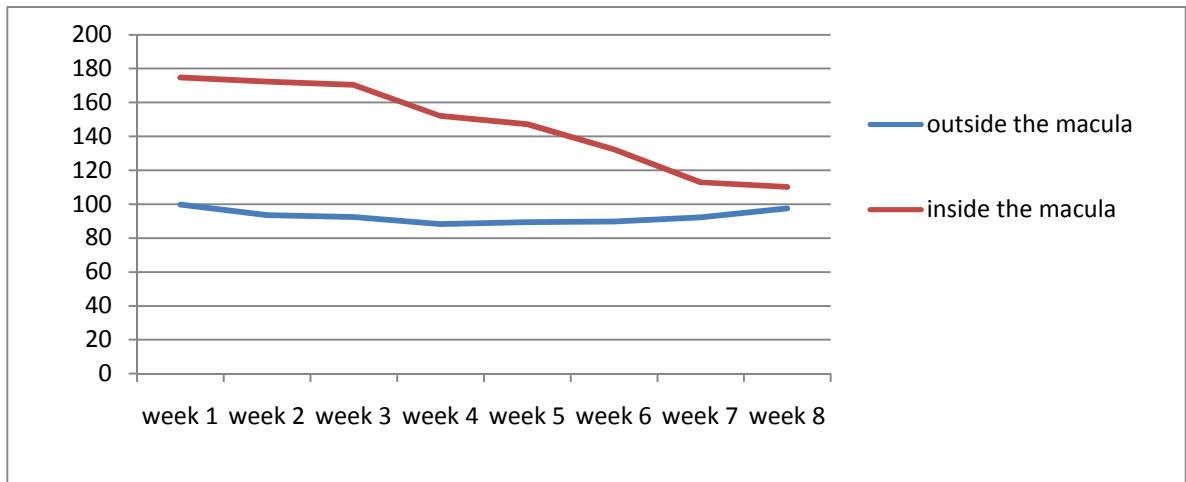


Figure S1 :The values of melanine inside and outside the melanine macula, during the mexametry assay