

Cosmeceutical properties of two cultivars of red raspberry grown under different conditions

Maria Papaioanou¹, Evangelia G. Chronopoulou¹, Gheorghii Ciobotari ², Rodica C. Efrose², Liliana Sfichi-Duke², Marianna Chatzikonstantinou^{1,3}, Evangelia Pappa¹, Ioannis Ganopoulos⁴, Panagiotis Madesis⁵, Irini Nianiou-Obeidat⁶, Taofen Zeng⁷ and Nikolaos E. Labrou^{1,*}

Supplementary Table 1. Composition of the water and oil phases used for the preparation of cosmetic cream formulation.

Water phase	% (w/w)*
Water (ddH ₂ O)	77.6
Glycerin	3.0
Xanthan gum	0.2
Sodium gluconate	0.1
Oil phase	% (w/w)
Lanette N (cetearyl alcohol)	4.0
Cetyl alcohol	2.0
Sweet almond oil	12.0
Additive	% (w/w)
Raspberry extract	1.0

*As preservative (Geogard 0.8 % w/w) were added in the final preparation.

Supplementary Table 2. The effect of red raspberry cultivars, light intensity and substrate on acetylcholinesterase inhibition.

Sample	% Inhibition/mg
R/HL+S	0.2
R/HL+P	0.2
R/LL+S	0.1
R/LL+ P	0.2
C/HL+S	0.1
C/HL+ P	0.1
C/LL+S	0.1
C/LL+P	0.1