

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

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

Water phase	% (w/w)*
Water (ddH <sub>2</sub> 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