

# Improvement of Ferulic Acid Antioxidant Activity by Multiple Emulsions: In Vitro and In Vivo Evaluation

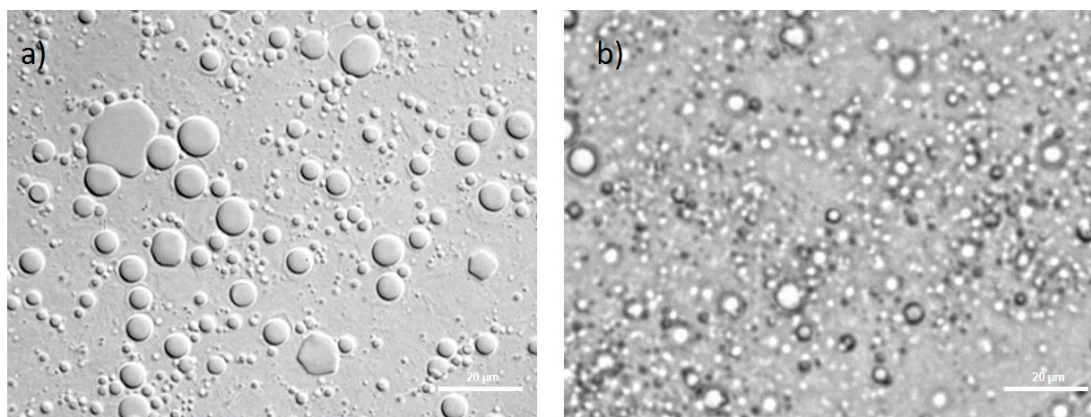
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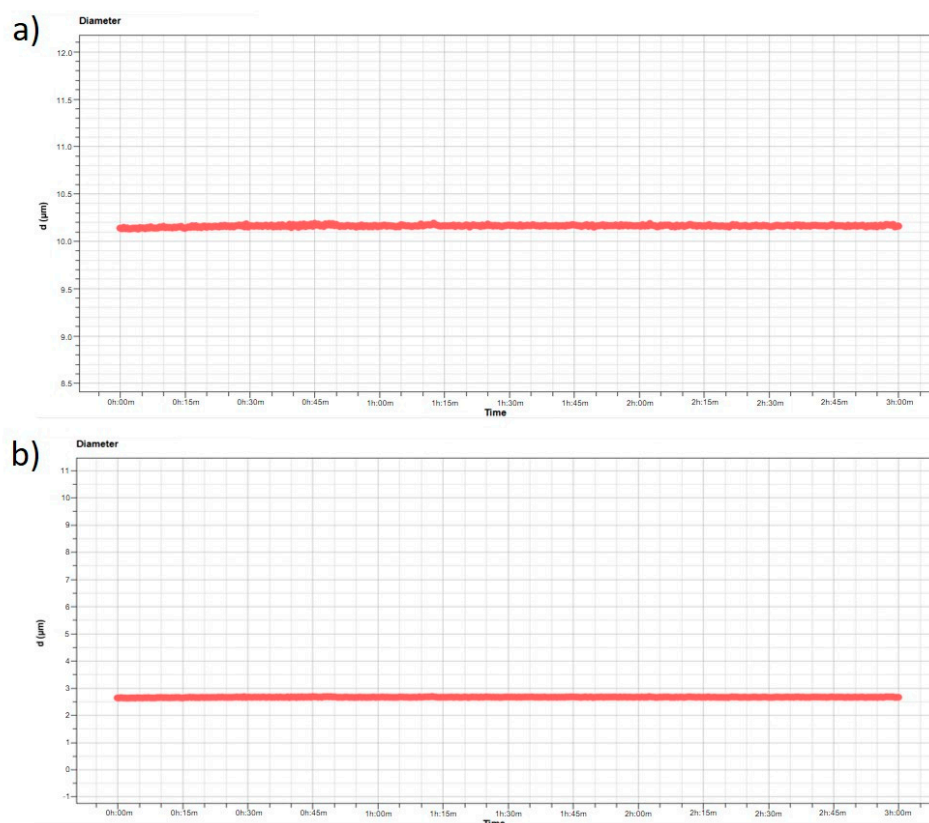
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**Figure S1.** Photomicrographs of O/W (a) and W/O (b) simple emulsions after 6 h from their preparation.



**Figure S2.** Diameter kinetic profile of O/W (a) and W/O (b) simple emulsions as a function of time (0–3 h). Data are representative of three independent experiments.

**Table S1.** Values of variation of the Erythema Index ( $\Delta E.I.$ ) of skin sites following the skin topical treatment with empty formulations. Data were expressed as mean values of twelve different experiments  $\pm$  standard deviations.

Time (h)	Saline solution	ME	O/W	W/O
6	$7.8 \pm 0.9$	$8.0 \pm 1.5$	$11.0 \pm 1.0$	$7.0 \pm 0.7$
24	$8.9 \pm 1.0$	$9.0 \pm 1.0$	$10.0 \pm 1.5$	$9.0 \pm 0.5$
48	$8.2 \pm 1.0$	$10.0 \pm 0.9$	$9.0 \pm 1.0$	$8.0 \pm 0.8$
72	$9.3 \pm 0.1$	$9.0 \pm 0.9$	$7.0 \pm 1.7$	$8.0 \pm 1.0$