

Supplementary Material

Table S1. ANOVA test for differences between formulation. Significance value: *** $p < 0.001$.

ANOVA					
Df	Sum Sq	Mean Sq	F value	Pr(>F)	Significance
5	45201	9040	31.42	<2e-16	***
92	26467	288			

Table S2. Pair wise tests for differences between formulation. Significance values: *** $p < 0.001$.

Formulations	1.5%			
	10% Lidocaine in ethanol	Hydroxyacetophenone in distilled water + butylene glycol	3% Symsitive® in butylene glycol	Butylene glycol
1.5% Hydroxyacetophenone in distilled water + butylene glycol	100.000	-	-	-
3% Symsitive® in butylene glycol	0.04754***	0.03893***	-	-
Butylene glycol	0.00159***	0.00110***	0.89229	-
Seawater	5.8×10^{-15} ***	3.2×10^{-15} ***	2.6×10^{-9} ***	7.4×10^{-7} ***