Supplementary Materials

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Ionic strength of methylcellulose-based films: An alternative for modulate mechanical performance and hydrophobicity for potential food packaging application

Table S1. Adjusted regression equations, lack of fit values (LF), and coefficients of determination adjusted (R^2aj) for contact angle of MC-based films added with LiCl or $MgCl_2$ resulting in IS of 0, 25, 50, 250, or 500 mM.

Treatment	Equation[a]	LF[b]	R^2_{aj}
$MgCl_2$	$Y= 70.38 + 0.1471*IS – 0.000177*IS^2$	0.81	0.963
LiCl	$Y= 72.12 + 0.0239*IS$	0.96	0.839

[a] Equations adjusted were significant ($p < 0.05$) by ANOVA. [b] LF: p-value for lack of fit of the statistical model.

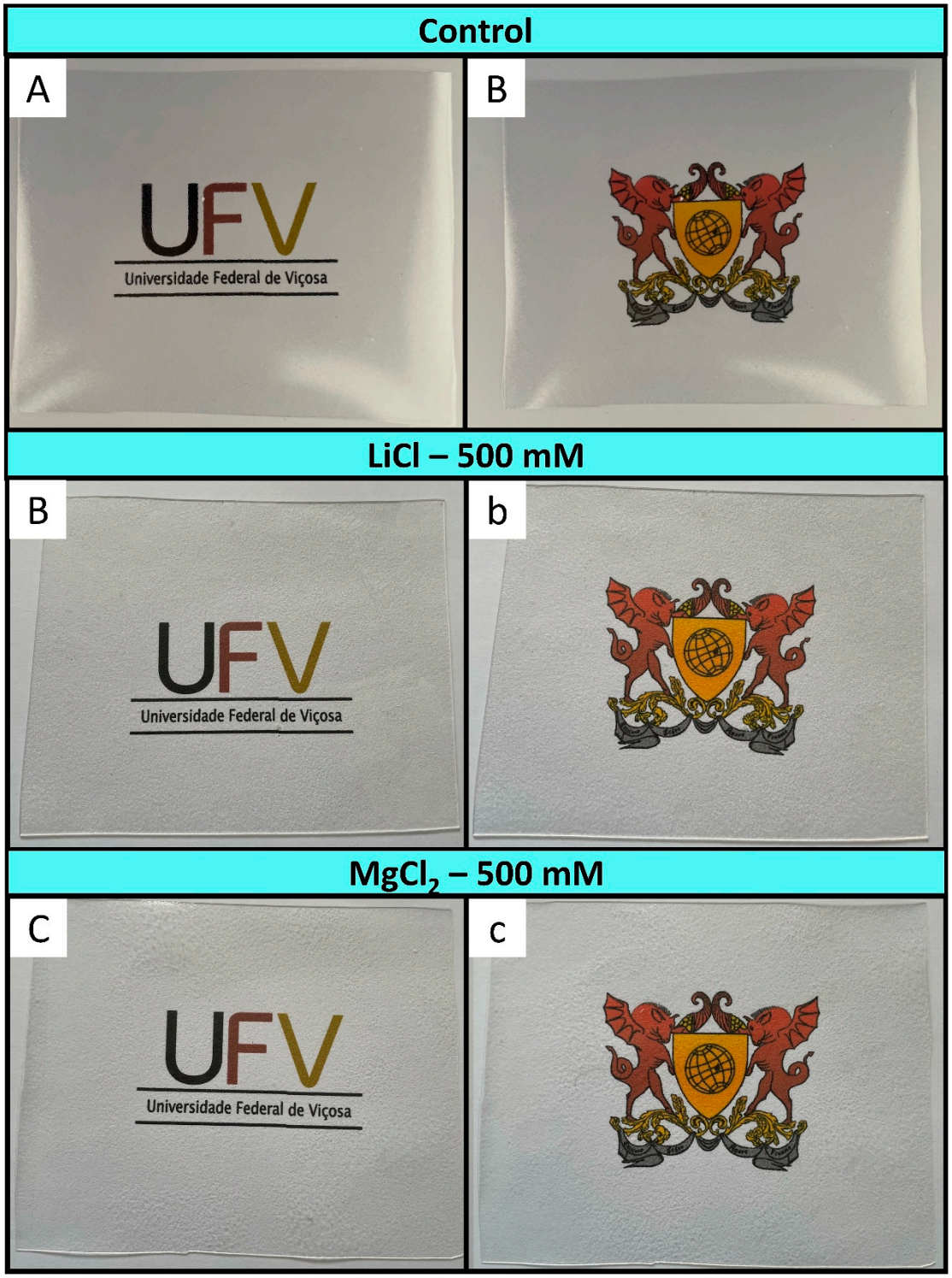

Figure S1. Photographs of MC-based films with IS of 0 (A, a) or 500 mM corrected for the addition of LiCl (B, b) or $MgCl_2$ (C, c).