

BIODEGRADABLE THERMOPLASTIC COMPOSITES BASED ON POLYVINYL ALCOHOL (PVA) AND ALGAE

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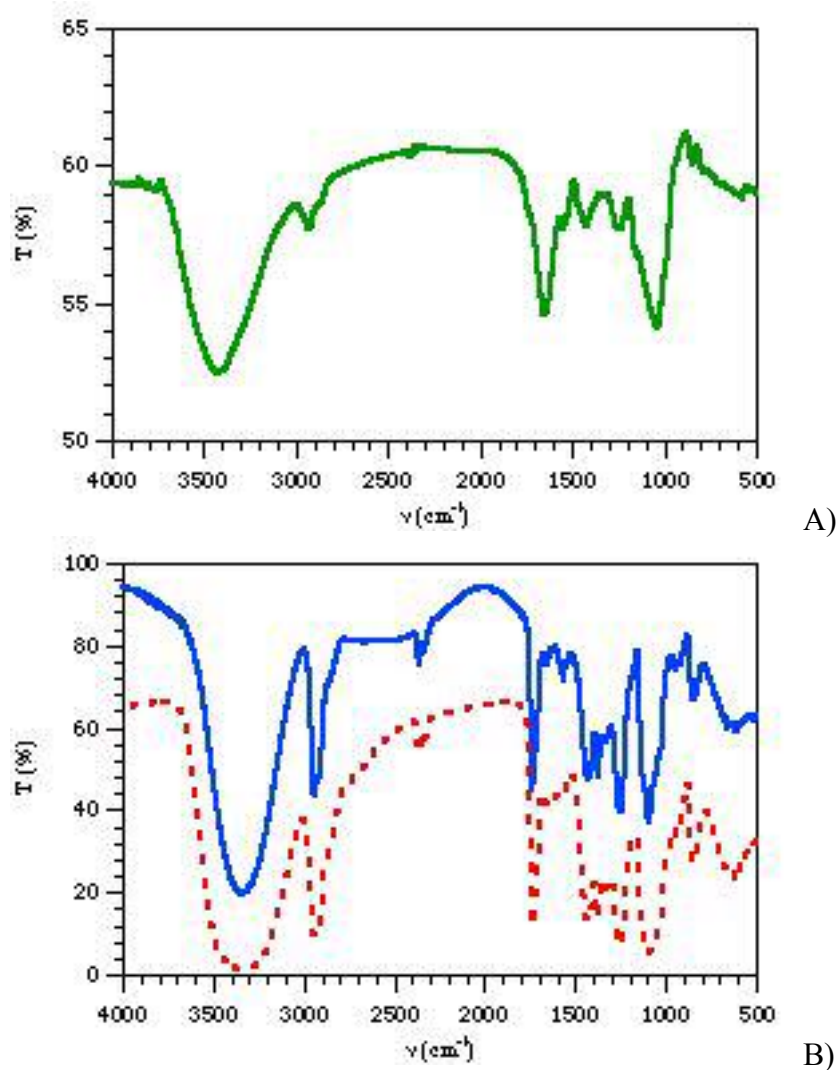


Figure S1

A) FTIR Spectra of Ulva Powder

FT-IR (film): 3420 (ν O-H), 2920-2850 (ν C-H), 1655 (ν C= O), 1420 (δ CH₂), 1256- 1030 (ν C- O), 840 (δ CH).

B) FTIR spectra of PVA (—) and PVA/Ulva 70/30 (---)

FT-IR (film): 3350- 3100 (ν O-H), 2940-2850 (ν C-H), 1735 (ν C= O), 1430 (δ CH₂), 1256- 1040 (ν C- O).