**Synthesis and morphological characterization of Polyethyprolactone (PCL) membranes with tara extract (*Caesalpinia spinosa)***

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**THE ROLE AND CONTRIBUTION OF EACH AUTHOR**

All authors contributed equally to this work.

Borges, ALS and Sato, TP designed the study. Silva, JR and Sato, TP performed experiments. Silva, JR and Sato, TP collected and analysed data. Silva, JR; Sato, TP and Borges, ALS wrote the manuscript.

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