Production of films functionalised with polyphenols

**Solution A**

Disperse X**\*** g extract into 100 mL distilled water

Heat up solution A to 60 °C

**Solution B**

Disperse 0.5-3% g of alginate in solution A (stir for 1 h at 60 °C)

**Solution C**

Add 0.5-1 g of glycerine to Solution B (stir for 15 min)

Eliminate foam (30 min)

30 g in Petri Dish **(M1)** dry at 35 °C for 48 h

**\***Calculate amount of extract needed in order to achieve 1-2% polyphenols in the solution.