

Exploring the Chemical Profiles and Biological Values of Two *Spondias* Species (*S. dulcis* and *S. mombin*): Valuable Sources of Bioactive Natural Products

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Preparation of extracts

Briefly, for the maceration (MAC), plant materials (5 g) were extracted with 100 ml of methanol or ethyl acetate for 24 h at a room temperature. In MAC, the extractions were performed with stir and not-stir. In the Soxhlet extraction procedure, plant materials (5 g) were extracted with 100 ml of methanol or ethyl acetate in a Soxhlet apparatus for 6 h. In the infusion extraction procedure, plant materials (5 g) were kept in boiled water (100 ml) for 15 min and afterwards filtered. Ethyl acetate and methanol extracts were concentrated using rotary-evaporator under vacuum. Infusions were dried using lyophilizator. All prepared extracts were stored in the dark at + 4 °C until further analysis.

Table S1. Eigen values and percentage of explained variance of each principal component (PC).

Principal component	PC1	PC2	PC3	PC4
Eigenvalues	6.91	2.29	1.94	1.07
Proportion of explained variance (%)	46.07	15.31	12.95	7.14