

Experimental comparison between ethanol and hexane as solvents for oil extraction from peanut press cake

Paloma Jamily Cristina Magalhães ¹, Daniel Gonçalves ², Keila Kazue Aracava ¹, and Christianne Elisabete da Costa Rodrigues ^{1, *}

Table S1. Particle size distribution of peanut press cake (PPC).

d _i (μm)	d _{i+1} (μm)	PPC (g)	Frequency (%)	Average particle size (μm)
2360	3350	2.2 ± 0.3	11 ± 1	1635 ± 22
2000	2360	2.8 ± 0.2	15 ± 1	
1680	2000	3.5 ± 0.1	18.5 ± 0.8	
1190	1680	8.8 ± 0.2	46 ± 1	
841	1190	1.8 ± 0.3	10 ± 2	
595	841	0.020 ± 0.001	0.105 ± 0.002	



Figure S1. Peanut press cake (PPC).

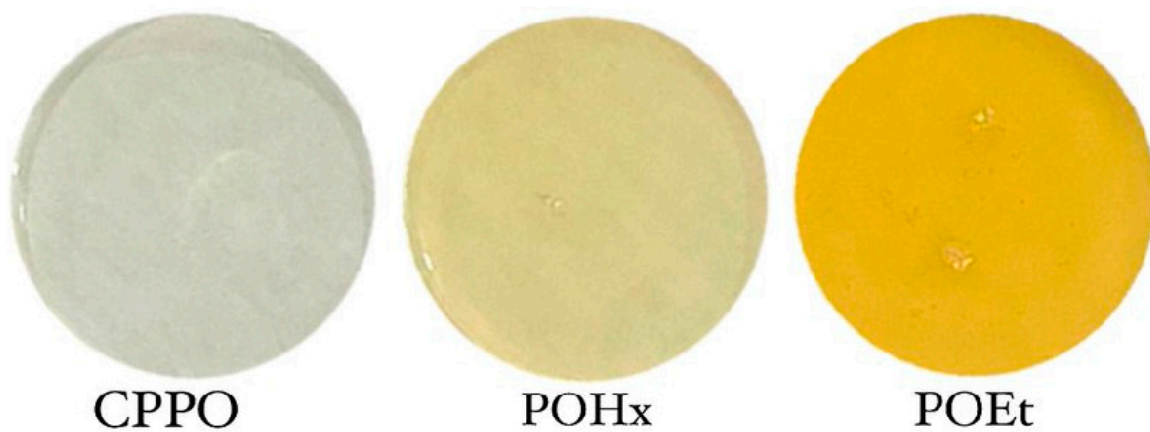


Figure S2. Peanut oils obtained by cold pressing (CPPO), solvent extraction with hexane (POHx), and ethanol (POEt).