

Review of: "Developing a Novel Mobile Phase to Separate Polar and Nonpolar Leaf Pigments of Copperleaf (*Acalypha wilkesiana*) Using Thin Layer Chromatography"

Rosângela Santos Pereira¹

¹ Universidade Federal de Minas Gerais

Potential competing interests: No potential competing interests to declare.

1- Page 10. "The absorbance values of xanthophylls and β -carotene were low, but characteristic peaks for both were obtained from the UV-Vis spectroscopy spreading from 350-500 nm". If both (xanthophylls and β -carotene) have the same UV absorption spectrum, how was it identified that the yellow line is β -carotene and the orange line is xanthophylls? If we had used a standard we could state this, otherwise it is possible to infer that both lines could be xanthophylls or β -carotene.

2- Page 14. "The differences in properties of cellulose and silica, as well as the texture of the mobile phase, might have played a key role here". Discuss the physicochemical properties of cellulose and silica.

I suggest that the article be accepted for final publication, after adjustments.