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

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Potential competing interests: No potential competing interests to declare.

In this study, we developed a solvent system to separate the polar plant pigments from the nonpolar ones using planar chromatographic methods. Even though both paper and thin-layer chromatography techniques have been applied succevely, to this date, most of these techniques focused mostly on separating the nonpolar plant pigment mixture, and not a mixture of polar and nonpolar pigments.

it is an interesting work, however some points need more detail, hereafter some questions and remarks

1. Title wile be improved solvant system as mobile phase
2. Keys words : added please solvent system terme
3. solvent grade more detail
4. Please in material section, detail more the method of revelation
5. talk more about the xantophill family in the introduction part
6. Added the picture of the two plants and its caracteristcs
7. what is the weight of 3-4 pieces of fresh leaves
8. Why we used the acetone instead the isopropanol
9. How content of isopropanol in plant extract
10. How to prepare the solvent mixture 6:1:1:1:1 talk about the order of solvent addition and the miscibility between solvents
11. The solvent mixture form a homogeneous solution?Added the solvent properties sush as : eluting force
12. How do you judge the polarity of the mobile phase is it polar or apolar

in my opinion it is necessary to add the properties of the solvents used in terms of eluting force

1. why not use fluorescence for the characterization of pigments it is a more sensitive technique than UV-Visible