

Review of: "Developing a Novel Mobile Phase 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.

This article is interesting, however some comments and recommendations are made:

Why didn't the authors use pure standard compounds to be sure of the effect of solvents on their separation and to compare the compounds of the extracts? The authors were able to carry out a mixture of already known polar and non-polar standard compounds in addition to their extracts, this could have given them fewer degrees of error and better analysis and discussion of their results.

In TLC result section, this phrase is incomplete "Just like the paper chromatography, we started with pure solvents such as n-hexane or ethyl acetate as the mobile phase, and then gradually changed the. Even...."

It is possible that there are compounds that may have similar polarities and that in the same spot there is a mixture of compounds. How did the authors make sure of this?