

# Review of: "Developing A Novel Solvent System to Isolate Plant Pigments of Different Polarities Using Thin Layer Chromatography"

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Potential competing interests: No potential competing interests to declare.

1\_What is the idea of mixing two pigments from different plants and starting to isolate it? There is high polarity differences between the anthocyanidin and chlorophyll pigments and any nonpolar mobile phase would separate the green color while in the image you provide the red color is not sufficiently isolated, I guess  $R_f$  of less than 2

2- why don't use ethanol instead of isopropyl alcohol in extraction since it is more efficient and safe

3- there may be overlap of the spot in TLC so it is not pure so you can't use UV to identify it