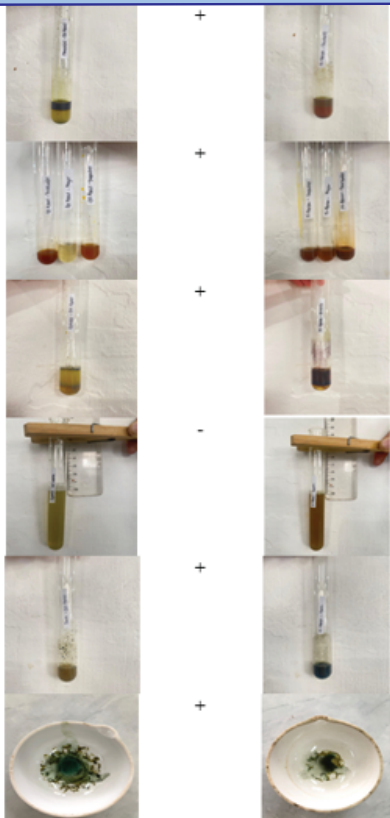


Supplementary 1.**Phytochemical screening of *Eruca sativa* leaf fractions.**

Secondary Metabolites	Ethyl Acetate	N-Hexane
Flavonoids	+	+
Alkaloids	+	+
Glycosides	+	+
Saponins	+	-
Tannins	+	+
Steroids/Triterpenoids	+	+



The images show the following results for each metabolite class:

- Flavonoids:** Ethyl acetate fraction shows a yellow color change in the test tube; N-hexane fraction shows a brown color change.
- Alkaloids:** Both fractions show a color change in the test tubes, with the N-hexane fraction showing a more pronounced yellowish-brown color.
- Glycosides:** Ethyl acetate fraction shows a yellow color change; N-hexane fraction shows a dark brown color change.
- Saponins:** Ethyl acetate fraction shows a white precipitate in the test tube; N-hexane fraction shows no precipitate.
- Tannins:** Both fractions show a dark brown color change in the test tubes.
- Steroids/Triterpenoids:** Both fractions show a white precipitate in the petri dishes.