

# Review of: "Exploring the Significance and Medicinal Potential of *Rubus fraxinifolius*: A Review of Ragimot Wildberry"

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Potential competing interests: No potential competing interests to declare.

The article has provided significant potential benefits of Ragimot, its comprehensive biodiversity, and economic values.

However, below are a few comments that could improve the quality of the article.

## Introduction:

'Local variations of ragimot come in two forms: one is red and oval-shaped, and the second is red and round-shaped. However, for this chapter, the focus is on the former, *Rubus fraxinifolius*.' What is the scientific name of the second variation?

The author should ensure a consistent flow; for instance, 'describing the geographical origins and cultivation' of *Rubus fraxinifolius*'

The author should ensure consistency in the name 'Ragimot.'

The last paragraph of the introduction should provide the reader with the aim or focus of the review paper.

Apart from the general introduction, a separate section can give a strong and detailed background on *Rubus fraxinifolius* or the Ragimot Wildberry

## Nutritional composition and functional properties:

The author can provide the various nutrient compositions and values (vitamins, minerals, dietary fibre, proteins, sodium, potassium, etc.), economic significance, nutraceutical industrial values, and how they can be beneficial to local communities; combating various diseases such as cardiovascular issues, cancer, etc., effects on the immune system, and any further health value as a functional food. A better understanding of the functional chemical structure and the properties of the phytochemicals responsible for the medicinal potentials is needed.

## General Comment:

Since the title of the review is 'to explore the significance and medicinal potential of *Rubus fraxinifolius*', the medicinal properties can be discussed in detail, such as antidiabetic, antibacterial, anti-inflammatory,

antioxidant, antidiarrheal, anti-tumour, neuroprotective, and wound-healing effects, etc. To have mention or discuss some of these properties under nutritional composition is not out of scope, though it is not sufficient.

It is appreciated that this review contributes a new scope for more studies to be conducted; however, more reports on previous studies on similar plants or other *R. spp* would provide strong justification. Providing this information in a table will be appropriate.

The article provides great insights into the significance of Ragimot. However, it could benefit from greater clarity, additional detail, and more citations in certain sections.