

## Accepted Manuscript

Title: Response surface optimization of supercritical CO<sub>2</sub> extraction of  $\alpha$ -tocopherol from gel and skin of *Aloe vera* and almond leaves

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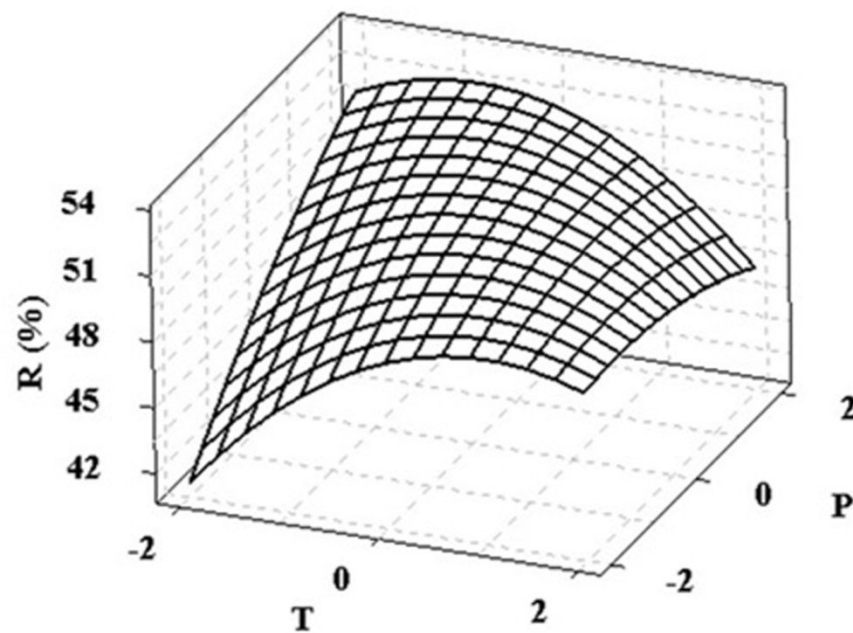
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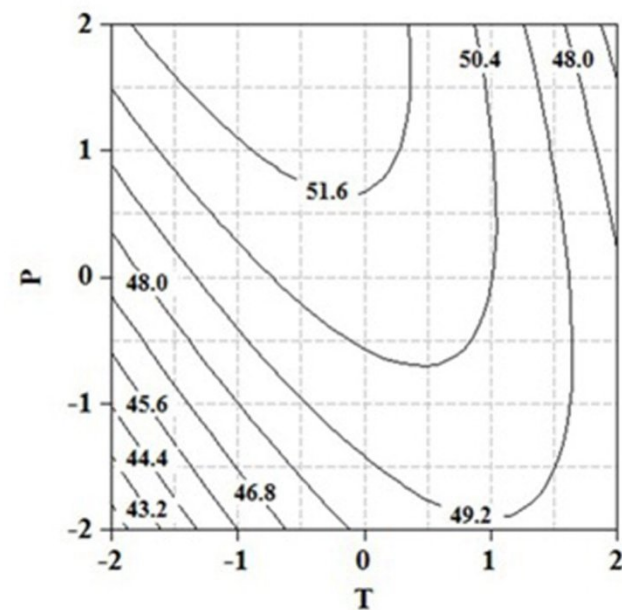
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**Graphical abstract**

(a)



(b)

Response surface (a) and contour (b) plots for  $\alpha$ -tocopherol extraction recovery (R) from AVG as a function of coded values of pressure (P) and temperature (T) at SC-CO<sub>2</sub> flow rate of 1 ml/min and dynamic time of 100 min.

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