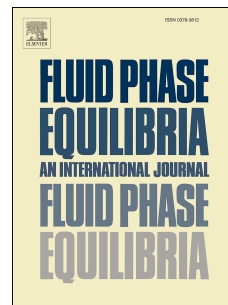


Accepted Manuscript

Thermodynamic modeling studies of aqueous solubility of caffeine, gallic acid and their cocrystal in the temperature range of 303 K–363 K

Tasneem Omer Dabir, Vilas Gajanan Gaikar, Sujatha Jayaraman, Shreya Mukherjee



PII: S0378-3812(17)30359-X

DOI: [10.1016/j.fluid.2017.09.021](https://doi.org/10.1016/j.fluid.2017.09.021)

Reference: FLUID 11593

To appear in: *Fluid Phase Equilibria*

Received Date: 23 March 2017

Revised Date: 14 September 2017

Accepted Date: 20 September 2017

Please cite this article as: T.O. Dabir, V.G. Gaikar, S. Jayaraman, S. Mukherjee, Thermodynamic modeling studies of aqueous solubility of caffeine, gallic acid and their cocrystal in the temperature range of 303 K–363 K, *Fluid Phase Equilibria* (2017), doi: 10.1016/j.fluid.2017.09.021.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

**Thermodynamic Modeling Studies of aqueous solubility of Caffeine,
Gallic acid and their cocrystal in the Temperature range of 303 K to
363 K**

Tasneem Omer Dabir¹, Vilas Gajanan Gaikar^{*1}, Sujatha Jayaraman² and Shreya
Mukherjee².

¹Department of Chemical Engineering,
Institute of Chemical Technology, Matunga, Mumbai- 400019, Maharashtra, India.

²Hindustan Unilever Ltd, Whitefield, Bangalore- 560048, Karnataka, India.

***¹Corresponding Author:** Vilas Gajanan Gaikar, Department of Chemical
Engineering, Institute of Chemical Technology, Matunga, Mumbai- 400019.
Tel.: +91 22 33612013; Fax: +91 22 33611020; E-mail: vg.gaikar@ictmbai.edu.in.

Download English Version:

<https://daneshyari.com/en/article/4767822>

Download Persian Version:

<https://daneshyari.com/article/4767822>

[Daneshyari.com](https://daneshyari.com)