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Formulation and Evaluation of Polyherbal Energy Drink

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Abstract: In recent years, there has been an increase in the consumption of energy drinks. Nowadays, energy drinks have become a common choice of beverages. Sugar and caffeine are the two major ingredients in energy drinks. The main purpose of the study is to prepare a polyherbal energy drink. The preparation contains poly herbs such as Ashwagandha, Amla, Liquorice, Tulsi and Fennel. Polyherbal energy drink was prepared by using traditional herbs having proved nutritional potential. A mixture of herbal extracts has been used in the current research for the development of a novel and potent energy drink. The prepared polyherbal energy drink was evaluated immediately after preparation and all the parameters were tested. The prepared formulation is beneficial for all the people. The formulation is prepared from the natural herbs so the chances of side effects are lower than the soft drinks. The developed herbal drink provides an economical and feasible option for the consumers with very good taste combined with potential health benefits. All the herbs used in this preparation are easily available during any season and are not costly. This herbal energy drink is a natural option to synthetic drinks along with several health benefits.

Keywords: Polyherbal Energy Drink, Beverage, Evaluation, Health Benefits

REFERENCES

- [1]. Lcdr Lucas A. Johnson, Mc Usn, Lcdr David Foster, Mc Usn, Lcdr Jackie C. Mcdowell, Mc Usn, Energy drinks: Review of performance benefits, health concerns, and use by military personnel military medicine. (2014), 179(April).
- [2]. Ms Patil, C. D., Ms Bhandare, M. B., & Ms Bedis, S. P. (2022). 'Formulation and Evaluation of Polyherbal Energy Drink' published in. International Journal of Trend in Scientific Research and Development (ijtsrd), ISSN: 2456-6470, 6(4, June), 719–722.
- [3]. Suna, S., Tamer, C. E., & Özcan-Sinir, G. Trends and possibilities of the usage of medicinal herbal extracts in beverage production, Natural beverages. (2019) (pp. 361–398). Academic Press, ISBN 9780128166895.
- [4]. Singh N, Bhalla M, de Jager P, Gilca M. An overview on ashwagandha: a Rasayana (rejuvenator) of Ayurveda. Afr J Tradit Complement Altern Med. 2011;8(5 Suppl):208-213.
- [5]. amazing benefits of Amla Juice: When bitter is better. (2016, March 02). Retrieved
- [6]. October 08, 2022. https://food.ndtv.com/food-drinks/amla-juice-benefits-when-bitter-is-better-1282906
- [7]. Pandya, K., Solanki, B., Maniar, K., Gurav, N., & Bhatt, S. (2011). Natural herbal supplements. A study on their nutritional value and their phytochemical constituents: International Journal Of Pharmaceutical Sciences And Research. IJPSR, 6(62), 1480–1494.
- [8]. NCI Dictionary of Cancer terms. (n.d.). Retrieved October 08, 2022. https://www.cancer.gov/publications/dictionaries/cancer-terms/def/licorice-root-extract
- [9]. Malhotra, S. K. (2012). Fennel and fennel seed (2nd ed) K. V. Peter (Ed.), In Woodhead Publishing Series in Food Science, Technology and Nutrition, Handbook of Herbs and Spices (pp. 275–302). Woodhead Publishing, ISBN 9780857090409.
- [10]. Gawali Vikas B, Bhalsing Mahesh, Dalvi Nilam B, Tarkasband Yogita S. Development and evaluation of polyherbal powder formulation as energy booster; journal of pharmacognosy and phytochemistry (2018); 7(3): 1576-1580.

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[11]. Pandey A, Dixit R, Prakash A and Devi VR: "Development of an herbal energy drink using medicinal plant extracts and further statistically analyzing the sensory properties by Analysis of Variance (ANOVA)" .IJPSR (2014); 5 (2):578-81.doi:10.13040/IJPSR.0975-8232.

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