

# Formulation and Evaluation of Moisturising Herbal Cold Cream

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**Abstract:** Herbal cosmetics are the preparations are used to beautify and enhance the human appearances. The aim of the present research was to formulate and evaluate the herbal cold containing plant extracts prepared by using water in oil method for the purpose of nourishing and moistening the skin. The cold cream is prepared by using the neem oil and almond oil. Quality evaluation of the formulated product was assessed by using different evaluation methods. No change of the physical properties was observed in formulated cream. The formulated cream showed good consistency and spread ability, homogeneity, pH, no evidence of phase separation during study period of research. Stability parameters like visual appearance, nature, viscosity and fragrance of the formulated cream showed that there was no significant variation during the study period of research. The herbal extract containing cold cream gives the cooling and soothing effect due to slow evaporation of water present in the emulsion. The cold creams are more moisturizing as they provide an oily barrier which reduces the water loss from the stratum corneum, the outermost layer of the skin. They are water-in-oil emulsion and intended for application on skin or accessible mucous membrane to provide localized and sometimes systemic effect at the site of application.

**Keywords:** Cold Cream, Cosmetics, Herbal, Formulation, Evaluation.

## REFERENCES

- [1]. TejswiniDevidasNavgire, MadhuriBaburaoPawarFormulation And Evaluation Of Cold Cream
- [2]. N. Shah, B.M.Methal, (2006) A Handbook of Cosmetic, VallabhPrakashan.
- [3]. Saraf, S., &Kaur, C. D. (2010).Phytoconstituents as photoprotective novel cosmetic formulations.Pharmacognosy reviews, 4(7),
- [4]. B.S., Kalpesh K. Mehta, Anshu Gupta (2016). Dispensing Pharmacy A Practical Manual (p.p. 389-399). Pharma Med Press.
- [5]. Shah RN, Methal BM, A Hand book of Cosmetics Page No.1
- [6]. Myers D, Surfactant Science and Technology, VCH Publishers: 1992, Pp. 209-247.
- [7]. V.S.Rabade, M.S.Pawar,G.K.Titarmare. (2020). Formulation and Evaluation of Polyherbal Cold Cream. International Journal for Pharmaceutical Research Scholars, 9(1); 25-31.
- [8]. Nikhil NitinNavindgikar, K.A.Kamalapurkar, PrashantS.chavan.Formulation and Evaluation of multipurpose herbal cream . Int J Curr Pharm Res, Vol 12, Issue 3, 25-30.
- [9]. Saraf, S., &Kaur, C. D. (2010). Phytoconstituents as photoprotective novel cosmetic formulations. *Pharmacognosy reviews*, 4(7), 1.
- [10]. K.Kokate ,A.P.Purohit, S.B.Gokhale (2014) Textbook of Pharmacognosy. NiraliPrakashan 50th edition, p.p. 9.1 & 14.132.
- [11]. S. Khadabadi, S.L. Deore, B.A. Baviskar.(2014), Pharmacognosy and Phytochemistry, A Comprehensive Approach, published by PharmaMed Press, 1st edition, p.p.8.4
- [12]. Panda, H. (2000). *Herbal Cosmetics Hand Book*. National Institute of Industrial Re.
- [13]. Mali, A. S., Karekar, P., &Yadav, A. V. (2015). Formulation and evaluation of multipurpose herbal cream. *International Journal of Science and Research, International Journal of Science and Research*, 4(11), 1495-1498.

- [14]. R. Patel, H. U.Momin, R.L. Dhumal, K, L. Mohite, (2017), Prepara preparation and evaluation of multipurpose herbal cream , Adv Pharm Life sci Res;5(1);27-32.
- [15]. Himaja, N. (2017). Formulation and Evaluation of Herbal Cream from Azadirachta indica Ethanolic Extract. *IJournals: Int J Res Drug Pharm Sci*, 1(1), 23-6.
- [16]. Mukherjee, P. K. (2002). *Quality control of herbal drugs: an approach to evaluation of botanicals*. Business Horizons.
- [17]. UddanduSaheb\*, AduriPrakash Reddy, K. Rajitha, B. Sravani, B. Vanitha,(2018). Formulation and Evaluation of Cream from containing plant extracts, *World Journal of Pharmacy and Pharmaceutical Sciences*, 7(5) :851-862.
- [18]. Sujith S Nair, Molly Mathew and Sreena K, Formulation and Evaluation of Herbal Cream containing Curcuma longa, *INTERNATIONAL JOURNAL OF PHARMACEUTICAL AND CHEMICAL SCIENCES* Vol. 1 (4) Oct-Dec 2012.
- [19]. SkUddanduSaheb, AduriPrakash Reddy, K Rajitha, B Sravani, B Vanitha. Formulation and evaluation of cream from naturally containing plant extracts. *World J Pharm PharmSci* 2018;7:851-62.
- [20]. Sai Lakshmi Jyothirmai Kala\* and SupriyaPalaparthi, FORMULATION AND INVITRO EVALUATION OF POLY HERBAL ANTI AGING FACE CREAM, *World Journal of Pharmaceutical Research* Volume 6, Issue 13, 717-733.
- [21]. Akhtar N, Khan BA, Khan MS, Mahmood T, Khan HMS, Iqbal M and Bashir S, Formulation Development and Moisturizing Effects of a Topical Cream of Aloe vera Extract, *World Academy of Science, Engineering and Technology* 75 2011.
- [22]. ManishaYogeshSonalkar, SachinAnnasahebNitave. Formulation and evaluation of polyherbal cosmetic cream. *World J Pharm PharmSci* 2016;5:772-9.
- [23]. KalpeshChhotalalAshara. Importance of trituration technique on preparation and evaluation of cold cream. *Inventi Rapid Pharm Tech* 2013;1-2:2012.
- [24]. Akash S. Mali, Karekar P, Dr. Yadav A. V, Formulation and Evaluation of Multipurpose Herbal Cream, *International Journal of Science and Research (IJSR)* Volume 4 Issue 11, November 2015.