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Method Development of Haloperidol (By UV Visible Spectroscopy and IR)

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Abstract: Haloperidol(HP) is an antidyskinetic and antipsychotic medicine whose IUPAC name is 4-(4-(4-chlorophenyl)-4-hydroxy-1-piperidyl)-1-(4-fluorophenyl)- butan-1-one. In This Haloperidol Drug is used to check the Absorbance by Using UV Visible Spectroscopy. Development and confirmation of logical system play an essential part in the discovery, development and manufacturing of medicinals. Every time, number of medicines entered into the request; hence it's obligatory to develop newer logical styles for similar medicines. After the development, it becomes necessary to validate the new logical system. System development is the process which proves that the logical system is respectable for use. Confirmation of logical system gives information about colorful stages and parameters like delicacy, perfection, linearity, Limit Of Detection, Limit Of Quantification, particularity, range and robustness. Confirmation should be done as per nonsupervisory guidelines similar as ICH guidelines. This composition was pre- pruned with an end to review logical system develop- ment and confirmation

Keywords: skin, Herbal face pack, Formulation, Evaluation

REFERENCES

- [1]. Kenkel J. Analytical Chemistry for Technicians. Lewis Publishers. 2003.
- [2]. Kissinger PT. Instant Notes: Analytical Chemistry. Clin Chem. 2002; 48(12): 2303.
- [3]. Harvey D. Modern analytical chemistry. McGraw-Hill. 2000.
- [4]. Ravisankar P, Navya CN, Pravallika D, Sri DN. A review on step-by-step analytical method validation. IOSR J Pharm. 2015; 5(10): 7-19.
- [5]. Chatwal GR, Anand SK. Instrumental Methods of Chemical Analysis. Himalaya Publishing House. 2002.
- [6]. Vidushi Y, Meenakshi B. A review on HPLC method development And validation. Res J Life Sci. 2017; 2(6): 178.
- [7]. Lavanya G, Sunil M, Eswarudu MM, Eswaraiah MC, Harisudha K, Spandana BN. Analytical method validation: An updated re-View. Int J Pharm Sci Res. 2013; 4(4): 1280.
- [8]. C. Pasquini, "Near infrared spectroscopy: fundamentals, practical aspects and analytical applications," Journal of the Brazilian Chemical Society, vol.14, no. 2, pp. 198–219,2003.
- [9]. G. Bellisola and C. Sorio, "Infrared spectroscopy and mi-croscopy in cancer research and diagnosis," American Journal of Cancer Research, vol. 2, no. 1, pp. 1–21, 2012.
- [10]. S. T"urker-Kaya and C. W. Huck, "A review of mid-infrared mear-infrared imaging: principles, concepts and appli-cations in plant tissue analysis," Molecules, vol. 22, no. 1,pp. 1–20, 2017.

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