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(57) Abstract :  
 ABSTRACT DEVELOPMENT OF HERBAL ANTI-OBESITY TABLET FORMULATION The present invention belongs to the field of pharmaceutical science. More, particularly the invention pertains to synthesis of new anti-obesity herbal formulation using standardized arjuna bark 200mg and brahmi herb extract 200mg by optimizing the formula through assessment of recommended parameters. The optimized formulation was studied in a high-fat diet rat model to ascertain its pharmacological efficacy. The tablet formulation is prepared by using extract individual and in combination with alcoholic extracts of T. arjuna and Bacopa monnieri. The major constituent of T. arjunawas found to be present in alcoholic extract by performing chemical tests and thin layer chromatography. It is concluded that the individual drug extract (400mg/kg body wt) of brahmi and arjuna showed effectiveness and reduced the weight of the animals while in combination in the form of tablet showed some synergistic effect.

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