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FORMULATION AND FREE RADICAL SCAVENGING ACTIVITY OF NATURAL LIP GLOSS FROM EGGPLANT
(*Solanum melongena* L.) PEEL EXTRACT

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Introduction The interest in the replacement of synthetic cosmetic antioxidants by natural ones has been increasing exponentially during recent years. Eggplant (*Solanum melongena* L.) peel contains chlorogenic acid and nasunin that have significant activity against free radicals. The objective of present study involves preparation, evaluation and its free radical scavenging activity of herbal lip gloss containing different formulations of eggplant peel extract (F1, F2, and F3). **Experimental** Several lip gloss formulation containing 4% (F1), 6% (F2), and 8% (F3) eggplant peel extract was designed. These lip gloss were subjected to physical studies such as, viscosity, spreadability, homogeneity, organoleptic, stability, and organoleptic stability. Antioxidant activity of the formulation was evaluated by DPPH (1,1-diphenyl-2-picryl hydrazyl) assay method. **Results** The results showed that formulation F3 has better stability than other formulations. In case of antioxidant activity, the extract and lip gloss possessing strong activity of free radicals scavenging. **Conclusion** lip gloss formulations containing eggplant peel extract have pronounced antioxidant effects.