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(57) Abstract :
The present invention relates to herbal serum comprising phosphatidylcholine complex for skin aging. Curcuma longa and Solanum tuberosum are rich in anti-oxidant polyphenols helpful in prevention of skin aging. The present invention relates to develop a new polyherbal phosphatidylcholine complex serum to increase cutaneous delivery of polyphenolic compounds for sustained anti-oxidant action. The optimized serum containing 1% complex is found to be stable for 2-month period under conditions of stability study. In-vitro diffusion studies showed that extract phosphatidylcholine complex serum had better drug release through cellophane membrane when compared to conventional extract serum giving prolonged and stronger topical action. Thus, the developed safe and stable polyherbal phosphatidylcholine complex serum exhibited good potential as anti-aging cosmeceutical.

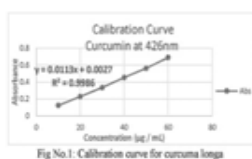


Fig No.1: Calibration curve for curcuma longa

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