# Formulation of Solid Lipid Nanoparticle containing *Lysimachia foenum-graecum* Extracts

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*Lysimachia foenum-graecum* Hance has been primarily used a spice, insectifuge and pest repellent. It has also been used as a traditional oriental medicine for the treatment of cold, rheum, headache, toothache and diseases of the digestive system. Although the chemical profile of the *L. foenum-graecum* has not been published yet to the best of our knowledge, triterpene saponins are found in abundance from the aerial part of *L. foenum-graecum*. Solid Lipid Nanoparticle(SLN) is used to control the release of drug carrier system. SLNs are a new generation of submicron-sized lipid emulsions where the liquid-liquid has been substituted by a solid lipid. SLNs are submicron colloidal carrier composed of physiological lipid, dispersed in water or in an aqueous surfactant solution. In this study, *Lysimachia foenum-graecum* extracts loaded stearic acid SLN was prepared using stearic acid as lipid matrix and pluronic F127 as emulsifiers by a hot homogenization method.