



## Formulation and Evaluation of Tablet From the Extract of *Persea Americana Mill.* for Nephrolithiasis

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**Abstract** : One of common kidney disease in Indonesia is nephrolithiasis or kidney stone. In the traditional systems of medicine, various type of plants and its species are used in the treatment of kidney stone. Avocado leaves (*Persea americana* Mill.) are the leaves of herbs that are useful to inhibit formation of calcium oxalate crystal in the rats' kidney. Objective of this study was to formulate a wet granulation method orally tablets of the vocado leaves (*Persea americana* Mill.) extract. All formulations met the requirements of the USP standard. Tablets were evaluated for weight variation, thickness, diameter of tablets, hardness, friability and disintegration time. The mass of the tablet in all formulas is has good flowability The difference in the amount of filler influence on hardness, friability and disintegration time of tablets. The friability increases with decreasing the concentration of Avicel PH101 and disintegration time of three formulas decrease with increasing concentration Amprotab.

**Keywords** : Nephrolithiasis, *Persea americana* Mill, formulation, tablet.

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