



Effect of Different Drying Methods on Phytochemical Content of *Caulerpa lentillifera* from Kei Islands

**Alfonsina Marthina Tapotubun^{1*}, Fredrik Rieuwpassa¹,
Unang Supratman², Beni Seta¹**

¹Departemen of Fisheries Technology, Faculty of Fisheries and Marina Science,
Pattimura University, Jln. Mr. Chr. Soplanit Poka 97233 Ambon Maluku, Indonesia

²Department of Chemistry, Universitas Padjadjaran, Jatinangor-Sumedang 45363,
Indonesia

Abstract : : Seaweed, *Caulerpa* sp., is one of the natural materials that contain many kinds of bioactive compounds depending on species and habitat. The aim of this study was to know the effect of sun drying method on the phytochemical content of *C. lentillifera* from Kei Islands waters, Southeast Moluccas. The study consisted of several steps, *C. lentillifera* sample collection using sampling purposive method, direct sun drying and indirect wind drying methods, methanol extraction, and phytochemical test using Harborne method. Crude extract of *C. lentillifera* in indirect wind drying method was higher than that in direct sun drying. Alkaloid, terpenoid and steroid were found in *C. lentillifera* from Kei Islands on both drying methods. Saponin was only found in indirect wind drying method. Phenolic compounds were not found in *C. lentillifera* samples from both drying methods.

Keywords : bioactive compound, natural material, seaweed.

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