

KAJIAN SIFAT FISIKOKIMIA EKSTRAK RUMPUT LAUT COKLAT *Sargassum duplicatum* MENGGUNAKAN BERBAGAI PELARUT DAN METODE EKSTRAKSI

Title	KAJIAN SIFAT FISIKOKIMIA EKSTRAK RUMPUT LAUT COKLAT <i>Sargassum duplicatum</i> MENGGUNAKAN BERBAGAI PELARUT DAN METODE EKSTRAKSI
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Abstract	<i>Sargassum duplicatum</i> contain bioactive component has different polarity. The research was aimed to know the effect solvent types and extraction method toward the psychochemical characteristic of <i>S. duplicatum</i> extract. The result of qualitative analysis showed that all <i>S. duplicatum</i> extract samples contained flavonoid, tannin, saponin, and terpenoid. The best treatment were obtained from methanol treatment using one-step extraction method that gave solubility in ethanol was 39.450 percent, solubility in distilled water (aquadest) was 28.283 percent, and total phenol was 297.170 mg/g.
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