

RINI NITASARI NRP. 110341100026. **Analisis Kandungan Gizi Dan Senyawa Kimia Lintah Laut (*Discodoris* sp).** Dibawah bimbingan Indah Wahyuni Abida dan Apri Arisandi.

ABSTRAK

*Pengalaman secara empiris yang terjadi di masyarakat dipercaya bahwa *Discodoris* sp dapat dijadikan berbagai obat penyakit. Hal tersebut perlu adanya pembuktian secara ilmiah sehingga tujuan dari penelitian ini adalah untuk : (1) mengetahui kandungan gizi pada daging rebus (2) mengetahui senyawa kimia pada air dan daging rebusan *Discodoris* sp. Penelitian dilakukan dalam beberapa tahapan yaitu pengambilan sampel, preparasi, uji proksimat, ekstraksi yang menggunakan pelarut air (polar) dan uji senyawa kimia. Hasil penelitian menunjukkan bahwa kandungan gizi berupa kadar air sebesar 71%, kadar abu 3.72%, kadar protein 12.36%, kadar lemak 0.39% dan karbohidrat 12.53%. Uji senyawa kimia pada daging lintah laut rebus menunjukkan positif mengandung senyawa steroid, flavonoid, saponin dan benedict. Sampel air rebus positif mengandung senyawa flavonoid dan saponin. Reaksi yang bereaksi negatif dari kedua sampel adalah senyawa alkaloid.*

Kata kunci : *Discodoris* sp, Kandungan gizi, Senyawa kimia

RINI NITASARI. NRP.110341100026. ***The Nutrient Contain and Chemical Compound of Sea Sluge (Discodoris sp).*** Under the guidance of Indah Wahyuni Abida and Apri Arisandi

ABSTRACT

Experience empirically is going on society to believing that *Discodoris* sp. can be various disease drug. The need for scientific proof so that the objectives of this research were to: (1) knew the nutrient content in boiling meat (2) knew the chemical compounds in water and meat stew *Discodoris* sp. Research carried out in several stages of sampling, preparation, testing, extraction using proximate solvent water (polar) and test chemical compounds. The results were showed that nutrient content of water content has 71%, 3.72%, of ash content, 12.36% protein, fat content in carbohydrates at 12% and 0.39%. Test of chemical compounds in the marine leech meat stew showed positive steroid compounds, contain flavonoids, saponins and benedict. The boiling water samples contain compounds of flavonoids and positive saponins. The reaction react negatively from the second sample was an alkaloid compound.

Keywords: Sea sluge (*Discodoris* sp.), Nutrient content, A chemical compound.