

ESTIMATION OF PROTEIN AND DETERMINATION OF PROTEIN SUBUNITS OF *CHLOROCOCCUM INFUSIONUM* (SCHRANCK) MENGHINI

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Abstract: The common unicellular green algae *Chlorococcum infusionum* can be used as a source of protein like *Chlorella*. Hence it contains 42% of dry weight protein. The present findings showed that when the culture media is formulated with urea (a nitrogenous fertilizer), the protein content observed was maximum than the other medium formulations. SDS-PAGE electrophoresis showed 5 protein bands of molecular weights 42, 29, 26, 16, 14.3 k D. So it may be used as a supplement for protein in future.

Keywords: *Chlorococcum infusionum*, Media formulation, Protein subunits, SDS-Page

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