

Estimation of Chlorophyll From Aromatic Medicinal Plants Used As Potent Therapeutic Agents In Anaemic Patients.

¹ Heema patel, ² Dr. Inampudi. Sailaja, ³ Dr. Ivvala Anand Shaker

¹ PG student, ² Assistant Professor, ³ Professor and HOD

¹ Department of Microbiology, ^{2,3} Department of Biochemistry

^{1,2} Parul Institute of Applied Science, Parul University, Limda, Waghodia dist. Vadodara, Gujarat, India, ³ PIMSR, Parul University, Limda, Waghodia-391760 dist. Vadodara, Gujarat, India.

Abstract: Chlorophyll is a green pigment, which is structurally similar to porphyrin pigments such as heme and it is produced through the same metabolic pathway in plants. Chlorophyll benefits the body in a unique and distinctive ways. It helps to clean harmful toxins from the body and it is also used to fight infection. Chlorophyll antiviral effects make it a strong skin protector. A recommended and regular intake of chlorophyll can keep the circulatory and digestive system much healthier. The present study, the chlorophyll was extracted from the different medicinal and aromatic plants, and characterized by UV-visible spectroscopy. These plant juice extract contains rich chlorophyll (whose structure is similar to hemoglobin except the central moiety), Amino acids, Minerals (like iron), Vitamins (like B12) and active enzymes are present. These juices were used as therapeutic agents for treatment of various problems including Anemia, Thalassemia, etc. In our study we treated anemia with intake of three different juices for three different groups and found a significant results in treating anemia.

Keywords - Chlorophyll, Medicinal plant, Aromatic plant, Therapeutic use, UV-visible spectroscopy.

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