

Comparative analysis of primary metabolites of medicinal plants

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Plants have been used for the treatment and cure of many diseases and physical ailments because of their therapeutic properties. These plants are designated as medicinal plants. The goal of the present work was to estimate primary metabolites such as protein, total phenols, lipids, chlorophyll and soluble sugar in the leaves of different plant species such as *Azadirachata indica*, *Ocimum sanctum* and *Mentha arvensis*. Higher amount of soluble sugar was observed in the *Mentha arvensis i.e.* 24 per cent. Highest content of chlorophyll was observed in leaves of *Azadirachata indica i.e.* 1.64 per cent. Maximum amount of Protein was estimated in *Mentha arvensis i.e.* 27.80 per cent. Highest amount of Lipids was calculated in *Azadirachata indica i.e.* 0.024 per cent. Maximum amount of Phenols was found in *Mentha arvensis i.e.* 1.013 per cent.

Key words : Protein, Total phenols, Lipids, Chlorophyll, Soluble sugar

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