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## Extraction and Anti -Oxidant activity of okra Mucilage

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Abstract: Okra (Abelmoschus esculentus L.) is a flowering plant of the Malvaceae family which is also known as lady's finger, gumbo, bamya or bania or commonly known as bhindi. Natural polymers have been used in different pharmaceutical formulations. They are easily available, non-toxic, biodegradable and cost effective to be used as pharmaceutical excipients. In present investigation, we have reviewed about method for extraction and characterization of mucilage (Hibiscus esculentus) and further characterized to be used as pharmaceutical excipient.

Main focus of review was to study about anti cancer activity of okra mucilage. Different methods for isolation and physicochemical method for characterization was focused. Antioxidant activity as well as IR spectra determination was noted. Okra is rich in phenolic compounds with important biological properties like quartering and Flavonol derivatives, Catechin Oligomers and hydroxycinnamic derivatives. Okra is also known for being high in antioxidants activity. Okra has several potential health beneficial effects on some of the important human diseases like cardiovascular disease, type 2 diabetes, digestive diseases and some cancers.

Keywords: Okra Mucilage, Extraction, Antioxidant



