



## STUDY OF PHYSICO-CHEMICAL PROPERTIES OF VARIETIES OF JOSHANDA DECOCTION WITH RESPECT TO CONSUMER HEALTH

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### Background :

It is global realization about allopathic or synthetic drugs that their usage is not safe for a long duration .

Instead of this, Joshanda is one of the medicinal herb that extensively used as a home remedy for the treatment of common cold, nasal congestions, influenza, coughs, mucus, seasonal changes and allergic reactions

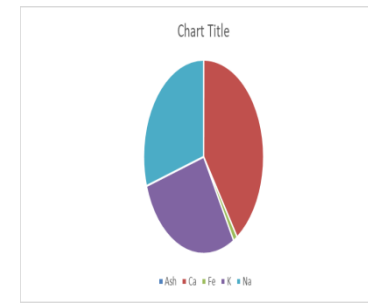
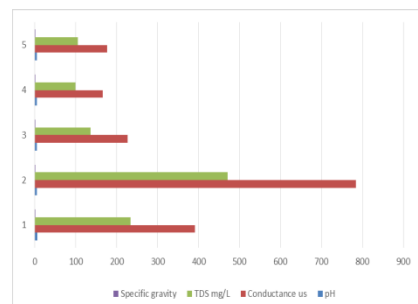
### Objectives:

- To investigate the physico-chemical properties of joshanda decoction
- To determine the impacts of joshanda decoction on human health.

### Experimental:

Samples of herbal decoction were prepared and their physicochemical properties (pH, TDS, conductivity, and specific gravity) were recorded. The concentration of Na, K, Fe and Ca were determined by spectroscopic techniques.

RESULTS AND DISCUSSION: The results were statistically analyzed and compared with RDA guidelines .



Conclusion: The obtained results of physicochemical parameters (pH, conductivity, TDS, specific gravity) revealed that the locally available instant Joshanda is good for health since it is mildly acidic and a safe remedy in flu and cough for ulcer patients as well.

Reference: Saeed, Mohammad & Muhammad, Naveed & Khan, Haroon & Khan, Saeed. (2010). Analysis of Toxic Heavy Metals in Branded Pakistani Herbal Products. Journal- Chemical Society of Pakistan. 32(4).