

Standardization of a compound Unani herbal formulation "Qurs-e-Luk" with modern techniques

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ABSTRACT

Background With global realization that use of synthetic drugs is not safe on the long run, the medical fraternity at large is looking at alternatives from natural sources to combat diseases particularly those wherein conventional modern system of medicine has little to offer. On one hand, this realization has increased demand for herbal drugs and on the other hand need for quality standardization of these drugs has increased. Central Research Institute of Unani Medicine, Hyderabad, being engaged in multidisciplinary research in Unani Medicine, has taken up standardization of herbomineral drugs used in this system of medicine. One such drug "Qurs-e-Luk" that is widely used by the practitioners of this system in mobilizing and reducing body fat has been utilized for standardization by modern techniques, so as to ascertain its quality. **Methods** The parameters which were carried out are pharmacognostic studies, physicochemical parameters, high-performance thin layer chromatography, microbial load, aflatoxins, heavy metals, and pesticidal residues revealing specific identities for the particular drug and to evaluate pharmacopoeial standards. **Results and Conclusion** Results suggest that the drug is safe for therapeutic use and its batch to batch identification for quality control is possible on the basis of present study.

KEYWORDS

Heavy metals . HPTLC studies . Microscopic properties . Physicochemical analysis .
Qurs-e-Luk

REFERENCES

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