

Pharmacology and Ethnopharmacology & Pharmaceutical Oncology



Shahid Husain Ansari

Jamia Hamdard University, India

Stability studies on Triphala: A common ayurvedic formulation

The global acceptability of herbal drugs and traditional medicines are still challenged due to its complex nature and quality control analysis. Due to this the stability analysis of herbal drugs, botanicals, and traditional medicine is very complicated and needs proper attention in this field. However uses of bioactive markers for the analysis stability of these drugs are in common practice, which gives an insight and at least an answer to the complexity in analysis. Use of biologically active molecules for analysis of stability, shelf life and pharmacokinetics is very useful for understanding biology and mechanism of action of these traditionally used drugs as well as makes it easy. Triphala is a very common drug used in traditional ayurvedic and unani medicines for the treatment of various diseases and very frequently used in Indian system of medicine. It is composed of powder fruits of *Emblica officinalis*, *Termenalia chebula* and *Termenalia bellerica* in a uniform ratio. The phenolic antioxidants like Gallic Acid, Tannic Acid (*Termenalia chebula*, *Termenalia bellerica*) and Quercetin (*Emblica officinalis*) are common biomarkers present in these fruits. Hence in present investigation the stability of Triphala was established using Gallic acid, Tannic acid and Quercetin by expressing the samples at different temperatures and humidity as per the WHO guidelines at bench top and at accelerated stability conditions. The results of the study showed that constant of these markers as much affected in stored conditions.

Biography

SHAnsari obtained his BPharm in 1979 from University of Delhi, MPharm in 1981 from Punjab University, Chandigarh and PhD in Pharmacognosy and Phytochemistry in 1997 from Jamia Hamdard. He was conferred Doctor of Science in 2002 by International University of Contemporary Studies, Washington, USA. Professor Ansari, having teaching and research experience of more than 36 years, has served Jamia Hamdard, in different capacities as Head, Department of Pharmacognosy and Phytochemistry, Dean School of Pharmaceutical Education and Research, Dean Students' Welfare, and Director, School of Open and Distance learning and as Vice Chancellor as well. Presently working as Professor in Department of Pharmacognosy and Phytochemistry in School of Pharmaceutical Education and Research. He has been bestowed with "Best Young Pharmacy Teacher Award 1997-98", "Life Time Achievement Award" by United Writers' Association, Chennai, Pharma Ratan Award for Life Time Achievement by Rab Di Meher Society, 2016. "Gold Medal of Excellence" by the Open University of Complimentary Medicines, Colombo, Sri Lanka in 1998. Professor Ansari also has 215 research papers to his credit.

shansari189@rediffmail.com

Notes: