iJRASET
International Journal For Research in Applied Science and Engineering Technology

INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 11 **Issue:** I **Month of publication:** January 2023

DOI: https://doi.org/10.22214/ijraset.2023.48535

www.ijraset.com

Call: 08813907089 | E-mail ID: ijraset@gmail.com

International Journal for Research in Applied Science & Engineering Technology (IJRASET)
ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538
Volume 11 Issue I Jan 2023- Available at www.ijraset.com

Review: Formulation Development of Liquid Dosage Form

Vishal Gupta[1], Surya Prakash Sharma[2], Deepak kumar Chaurasia[3], Dr. Tarkeshwar P. Shukla[4]
[1, 2, 3, 4]*SCPM College of Pharmacy, Gonda*

Abstract: ***Liquid dosage forms are generally found in medicines for aged and paediatrics patients. Though, they have specific advantages, along with fast efficacy due to the devoid of dissolution time and quick absorption in the stomach and intestines than tablets. Liquid formulations have been broadly used in pharmaceutics due to their high dosing adjustability, comfort of swallowing, and rapid onset of action.***
Keywords: Liquid dosage forms, Suspension, Emulsion, Solution

I. INTRODUCTION

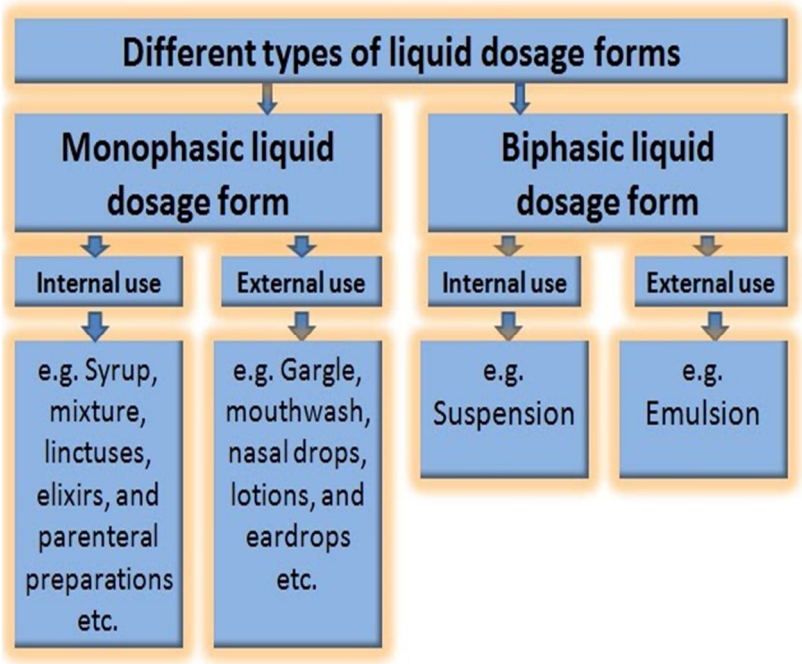
Liquid dosage forms are a pharmaceutical preparation in which an active drug is mixed with non active components (solvent, additive). These preparations are widely used due to their better bioavailability than other dosage forms. Liquid dosage forms are prepared by dissolving the active drug in an aqueous or non aqueous solvent or by suspending the active drug into the solvent or by mixing the immiscible liquid with each other.
It can be administered by –Topically (lotions, Ear drops, Eye drops), orally (Syrups, Emulsion, Suspension), Parenterally (intramuscular, intravenous, subcutaneous injection)

A. Advantage of liquid dosage form

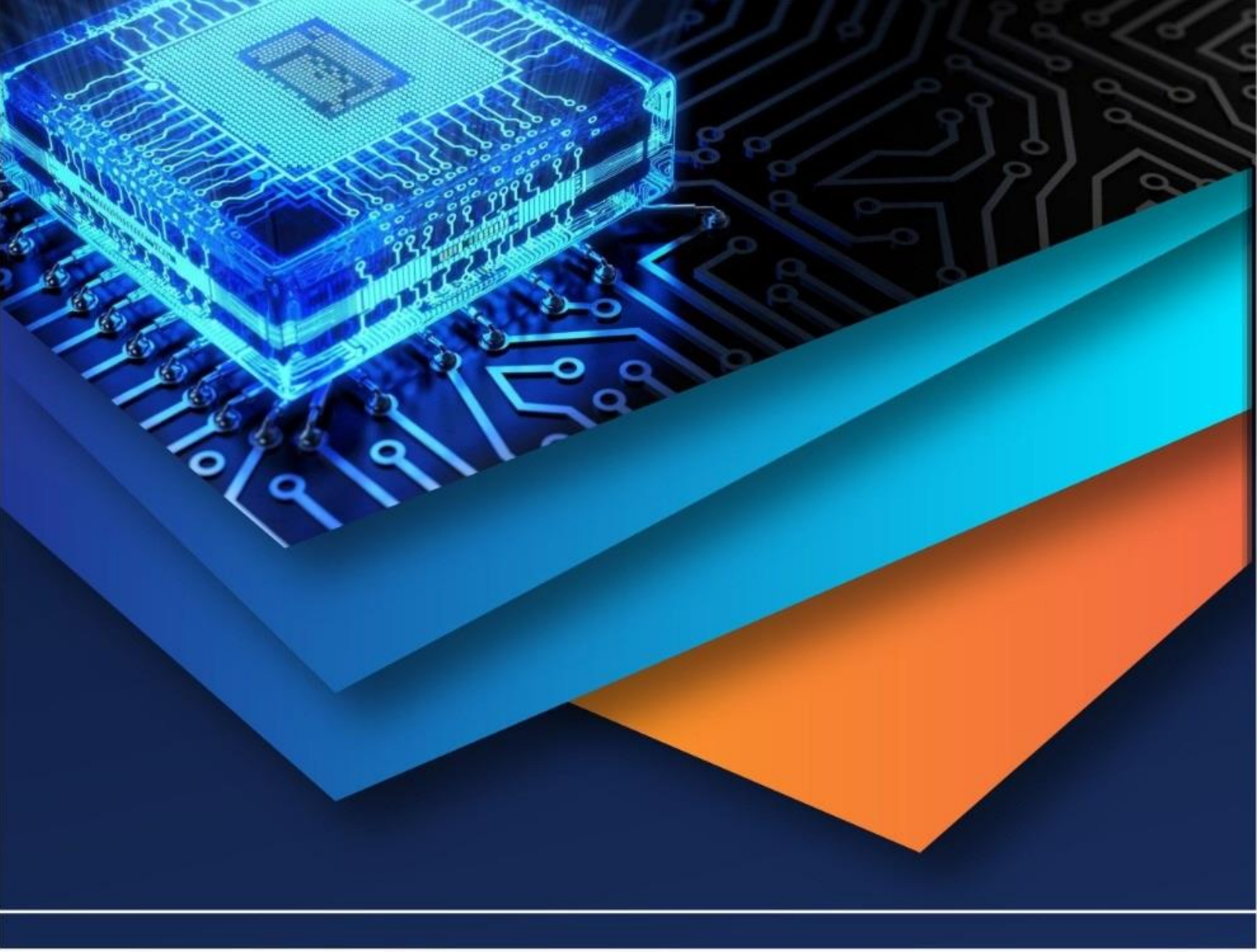
1) It is safer than solid dosage forms.
2) Bioavailability of liquid dosage form is more than solid dosage form.
3) It is easy to administer**.**

B. Classification

On the basis of their phases they are classified into two types- Monophasic & Biphasic



©IJRASET: All Rights are Reserved



10.22214/IJRASET

45.98

IMPACT FACTOR: 7.129

IMPACT FACTOR: 7.429

INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Call : 08813907089 (24*7 Support on Whatsapp)