

## Liquids Dosage Forms Development

Liquid dosage forms is pourable pharmaceutical preparations, it is also one of the oldest dosage form used in the treatment of patients and affords rapid and high absorption of medicinal products. Liquid dosage form contains a mixture of active pharmaceutical ingredients and non-pharmaceutical ingredients (excipients) dissolved or suspended in a suitable solvent or mixtures of solvents. They are administered by oral and parenteral (injection, inhalation, ophthalmology, ear canal, nasal cavity and topical) routes. Oral liquids are non-sterile, while liquids administered by parenteral routes are available in sterile and non-sterile formulations.

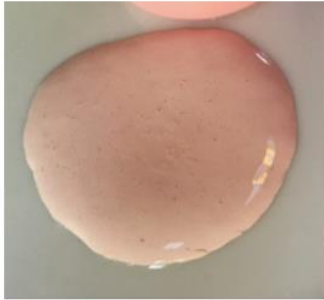


**Fig.1** Liquid dosage forms.

The team of **Formulationbio** is leading experts in all aspects of pharmaceutical formulation development and dosage form optimization, we can accord the characteristics of the API and the development goals of the customers to design the

liquid dosage forms. **Formulationbio** can provide you with one-stop services to meet your needs of liquid dosage forms.

### **We Can Provide You with the Following Formulation Services**



Lotions



Syrups



Suspensions



Drops



Nasal Sprays



Injection



Solutions

### **References**

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3. Nemes D, Ujhelyi Z, Arany P, *et al.* Biocompatibility Investigation of Different Pharmaceutical Excipients Used in Liquid Dosage Forms[J]. *Die Pharmazie-An International Journal of Pharmaceutical Sciences*, 2018, 73(1): 16-18.