

**Report On Published Article Formulation And Evaluation Of
Mouth Dissolving Tablets Of Montelukast Held On /Accepted –
August 2021**

Date of Publication	August 2021
Student/Faculty Activity	FORMULATION AND EVALUATION OF MOUTH DISSOLVING TABLETS OF MONTELUKAST High Technology Letters Volume 27, Issue 8, 2021 Page No: 252-264
Conducted/ Publication by	Mr. Sumanta Sen, Associate Professor, School of Pharmacy
No. Of Participant	1

FORMULATION AND EVALUATION OF MOUTH DISSOLVING TABLETS OF MONTELUKAST

ABSTRACT

In the present work, an attempt has been made to develop Mouth dissolving tablets of Montelukast by using Porous forming agent. Vivasol, Explotab were used as super disintegrants. All the formulations were prepared by direct compression method using 10 station rotary tablet punching machine. The blend of all the formulations showed good flow properties such as angle of repose, bulk density, and tapped density. All the formulations blend were passes the flow properties as per standard pharmacopoeias. The prepared tablets were shown good post compression parameters and they passed all the quality control evaluation parameters as per I.P limits. Among all the formulations F9 showed maximum % drug release i.e., 97.44% in 30 min and Containing Less disintegration time, very less wetting time, less in vitro dispersion time and more water absorption ratio (18 sec,16 sec,18sec,98% respectively). Hence F9 was considered as an optimised formulation.

Certificate

