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<p>(51) International classification :A61K009460000, A61K009000000, A61P0029000000, A61P0025040000, A61P0035000000</p> <p>(56) International Application No :NA Filing Date :NA</p> <p>(57) International Publication No :NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Mr. Nikhil Kisan Naikvadi Address of Applicant :Department of Pharmaceutics, Rajarambapu College of Pharmacy, Kasegaon, Sangli, Maharashtra - 415404 Sangli ----- 2)Dr. Manojkumar Mukundrao Nitalikar 3)Mr. Satish Laxman Nangude 4)Mr. Eknath Vasant Unde 5)Mr. Umesh Tatoba Mali 6)Mr. Siddheshwar Rameshwar Mule 7)Mr. Tushar Ashok Mule 8)Mr. Aniruddha Adhikrao Patil Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)Mr. Nikhil Kisan Naikvadi Address of Applicant :Department of Pharmaceutics, Rajarambapu College of Pharmacy, Kasegaon, Sangli, Maharashtra - 415404 Sangli ----- 2)Dr. Manojkumar Mukundrao Nitalikar Address of Applicant :Department of Pharmaceutics, Rajarambapu College of Pharmacy, Kasegaon, Sangli, Maharashtra - 415404 Sangli ----- 3)Mr. Satish Laxman Nangude Address of Applicant :Director, F and D, Sci-Tech Specialities Pvt.Ltd., A3, STICE, Musalgaon, Sinnar, Maharashtra - 422112 Nashik ----- 4)Mr. Eknath Vasant Unde Address of Applicant :Department of Quality Assurance, Rajarambapu College of Pharmacy, Kasegaon, Sangli, Maharashtra - 415404 Sangli ----- 5)Mr. Umesh Tatoba Mali Address of Applicant :Department of Pharmaceutics, Rajarambapu College of Pharmacy, Kasegaon, Sangli, Maharashtra - 415404 Sangli ----- 6)Mr. Siddheshwar Rameshwar Mule Address of Applicant :Department of Pharmaceutics, Rajarambapu College of Pharmacy, Kasegaon, Sangli, Maharashtra - 415404 Sangli ----- 7)Mr. Tushar Ashok Mule Address of Applicant :Department of Pharmaceutics, Rajarambapu College of Pharmacy, Kasegaon, Sangli, Maharashtra - 415404 Sangli ----- 8)Mr. Aniruddha Adhikrao Patil Address of Applicant :Department of Pharmaceutics, Rajarambapu College of Pharmacy, Kasegaon, Sangli, Maharashtra - 415404 Sangli -----</p>
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(57) Abstract :

The present invention relates to the Effervescent tablets which are uncoated and generally contain acidic substances and carbonate or bicarbonate which reacts rapidly to release carbon dioxide when dissolved in water. There are various advantages of effervescent formulations such as fast onset of action, good stomach tolerance, improves palatability, enhanced permeability. The objective of present study was to develop and formulate effervescent tablets contain serratiopeptidase for the treatment of inflammation, fibromyalgia and dietary supplement with view to enhance patient compliance. Among all formulation F9 showed the maximum drug release up to (97.66%) within 1 min at and hardness of 3-4 kg/cm<sup>2</sup>. The selected as an optimized batch kept for accelerated stability study for 90 days. The results of stability study indicate no significant change between the parameters tested before the stability study and after the stability study of optimized batch formulations.

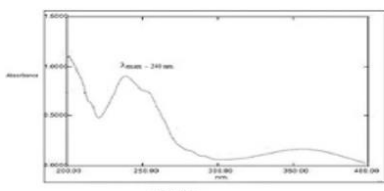


Figure 1

No. of Pages : 21 No. of Claims : 5