



## Ambroxol HCl SR Tablet

By Dewan Taslima Akhter

LAP Lambert Academic Publishing Feb 2012, 2012. Taschenbuch. Book Condition: Neu. 220x150x8 mm. This item is printed on demand - Print on Demand Neuware - The purpose of the present investigation was to design and evaluate sustained release tablets of a sparingly water soluble drug Ambroxol Hydrochloride, two hydrophilic polymers METHOCEL K15MCR and METHOCEL K100MCR and hydrophobic Eudragit RL100 were used in tablets prepared by direct compression. The granules were evaluated for angle of repose, loose bulk density, tapped bulk density, compressibility index, total porosity and drug content. The tablets were subjected to various tests for physical parameters such as thickness, hardness and friability, and in vitro release studies. The in vitro dissolution study was carried out for 12 hours using United States Pharmacopoeia (USP) paddle-type dissolution apparatus (Apparatus 2) in phosphate buffer (pH 6.8). The results of dissolution studies indicated that formulations containing Methocel K100 MCR showed better dissolution properties compared to formulations containing Methocel K15 MCR. It was found that Hydrophilic polymers showed better released profile than the hydrophobic polymers. 140 pp. Englisch.



**READ ONLINE**

[ 1.08 MB ]

### Reviews

*It becomes an amazing ebook that we have possibly read through. It is really simplified but surprises within the 50 % from the ebook. You can expect to like how the blogger compose this book.*

*-- Ms. Shaina Legros III*

*This publication will never be effortless to get started on reading through but very entertaining to read through. It normally is not going to expense too much. I discovered this publication from my dad and i encouraged this book to find out.*

*-- Otilia Schinner*