



S.I.I.T. S.r.l. UNIPERSONALE

Innovative Healthcare Products Contract Development & Manufacturing

**DISSOLUTION TEST MELATONIN CHRONO  
code CNS01**

The Dissolution test of Melatonin Chrono is performed in phosphate buffer pH 7.0 by using Paddle method according to Eur.Ph. current edition.

Melatonin is distributed in film coating (30%) and in nucleus (70%).  
The dissolution step starts at 5 minutes and it is complete within 6-8 hours.

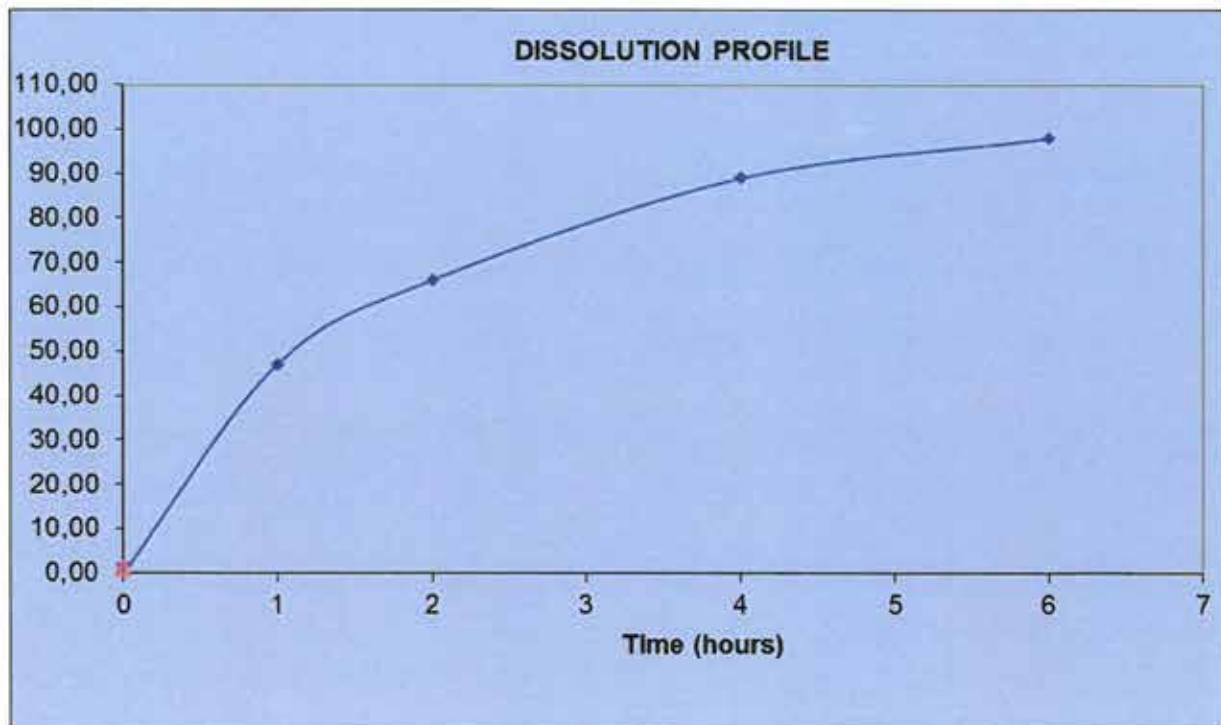
The typical values of % dissolved are:

after 10 min: 20 - 40 %

after 1 h: 40 - 60 %

after 6h > 90 %

The typical dissolution profile of Melatonin (slow release layer) is the following:



31/10/2019

New Project Quality Assurance  
(K. Iannuzzi)

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