

LBL-Flash® - A Convenient and Fast Acting Dosage Form



Conventional oral dosage forms, e.g. tablets, are usually inconvenient. In addition, if the drug is a poorly soluble substance, it often needs a long time to take effect.

In contrast, LBL-Flash® provides fast and immediate medication at the first sign of symptoms and a highly convenient dosage form. LBL-Flash® is a fast-melting tablet comprising of drug nanocapsules with enhanced dissolution for poorly soluble drug substances.



LBL-Flash® provides the following benefits:

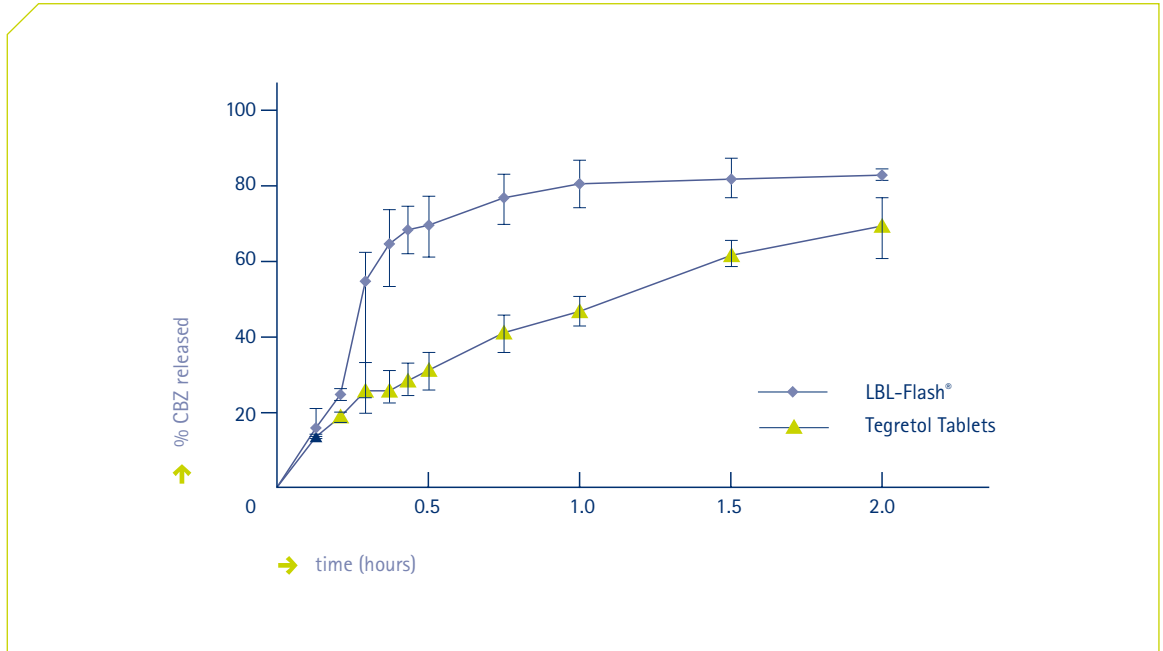
- IMMEDIATE ADMINISTRATION
- EASY SWALLOWING
- BUCCAL/SUBLINGUAL ABSORPTION
- ENHANCED DISSOLUTION
- CONVENIENT PACKAGE FORMAT

Immediate administration is provided by a lyophilized tablet, which can be taken without water, thus allowing administration at any time the symptoms appear. Due to the instantaneous disintegration of the tablet in the mouth, LBL-Flash® is easy to swallow, thus providing a high convenient administration. Buccal/sublingual absorption is also provided for lipophilic nonionic molecules with appropriate drug volume per dosage unit.

Enhanced dissolution is achieved (see figure) by a high surface area based on very small drug particles. In addition, ultra-thin capsule layers lead to a fast release of drug substances, while high particle surface charge maintains high suspension stability. Convenient package format can also be offered for different dosages.



CBZ release in 0.1N HCl: Carbamazepin release, theoretical content 25mg, release medium 800ml 0.1N HCl, 37°C, paddle method, 50 rpm,



LBL-Flash® will be preferred by a large number of patients, especially children and elderly people, and also by regular adult consumers who need or prefer to have their medication readily available at all times.

LBL-Flash® is especially dedicated to the treatment of acute conditions, such as migraine attacks, headaches, pain, panic attacks, infarct, allergy, cough & cold, vomiting/motion sickness, diarrhoea/gastro-intestinal problems, erectile dysfunction, epilepsy.

LBL-Flash® is patent protected worldwide. It is offered to pharmaceutical companies who appreciate its potential for product differentiation as well as for life-cycle management, because of the following advantages:



- INCREASED PATIENT BENEFITS
- BENEFITS EASILY PERCEIVED BY THE PATIENT
- LOW CLINICAL AND REGULATORY REQUIREMENTS
- UP-SCALING MATCHES COMMON INDUSTRIAL FACILITIES

Please feel free to contact us. We will engineer the right capsule for you.



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