Disintequik™ ODT

Co-Processed Orally Dissolving Tabletting Excipient

In the case study on the back, Disintequik™ ODT was used as the base excipient in a Fexofenadine HCl tablet formulation. The amount of API was at 30%, while Disintequik™ ODT was at 67% of the total formula. The typical recommended usage levels of Disintequik™ ODT in a formulation are 50% to near 100%. The formulation was manufactured simply by blending Disintequik™ ODT, the API, a flavor and sweetener, then tabletting. Tablets were tested for disintegration and friability.

Applications

Orally Dissolving Tablets

Benefits

- Provides Superior Mouthfeel and Fast Disintegration
- Improves Flowability and Content Uniformity
- Reduces Raw Material Testing
- Used on Standard Equipment

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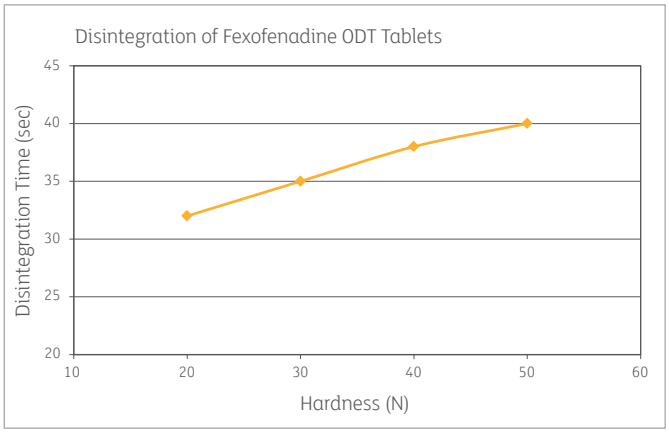
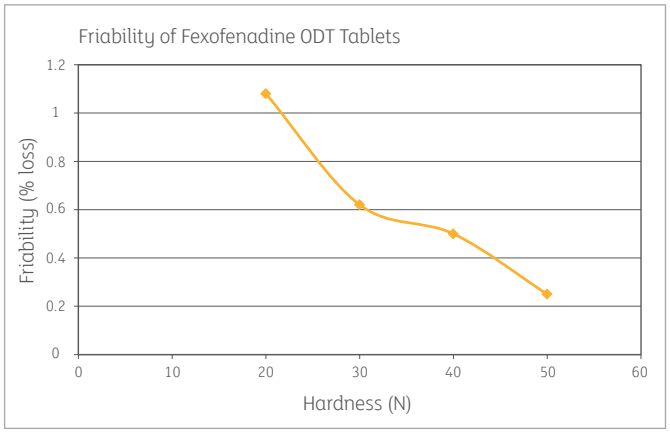
Disintequik™ ODT

Co-Processed Fast Dissolving Tabletting Excipient

Disintequik™ ODT Formulation	Milligrams per 100 mg Tablet
Fexofenadine HCI	30
Disintequik™ ODT	67
Flavor	2
Aspartame	0.5
Magnesium Stearate	0.5





Conclusions:

Disintegration was under 40 seconds even for tablets at the highest hardness of 50 N. The friability of tablets at the highest hardness was less than 0.3%, offering the option of bottle packaging the tablets. This case study confirms that Sheffield Disintequik™ ODT is an ideal co-processed excipient for producing orally dissolving tablets. compared to pure lactose.

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