

Ön Bildiri

The variation of compression characteristics of a direct tableting agent, Avicel by precompression

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The direct tableting agents are not only used for direct tableting procedures, but because of certain properties they possess, they are used in wet and dry granulation methods as well. The slugging method applied for precompression might change the compression characteristics of direct tableting agents, generally it has a negative effect.

For this purpose, tablets containing 75 % acetylsalicylic acid and 20 % Avicel were prepared

both by direct compression and slugging methods. In order to determine to what extent the use of same quantity of Avicel in these methods, affects the compressibility of the bulk, its consolidation and compression behaviours have been examined.

Finally, it has been observed that the P_y value of the slug mass subjected to precompression increased, and its consolidation showed parallel variation, that is, its compression characteristics changed.

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