" Ambicel " Microcrystalline Cellulose

FREE FLOWING PROPERTY THROUGH NOVEL DRYING TECHNIQUE

GRADES :

SERIES 100

101Fine particle size
102Coarse particle size
103Low moisture content

SERIES 300

High bulk density for superior flow in tableting machine

SERIES 200

Coarser particles for uniform mixing and superior flow in tableting machine

Co-dried blend of MCC and Sodium CMC will be introduced shortly for pharmaceutical suspensions.

maple biotech pvt. ltd.

J - 253, MIDC, BHOSARI, PUNE - 4110 26. (INDIA)
PHONE : +91 -20 - 27470010, 27464116, 24210754, 24214421,
FAX : +91 - 20 - 27450510, e-mail : maple1@vsnl.com
web : www.maplebiotech.com

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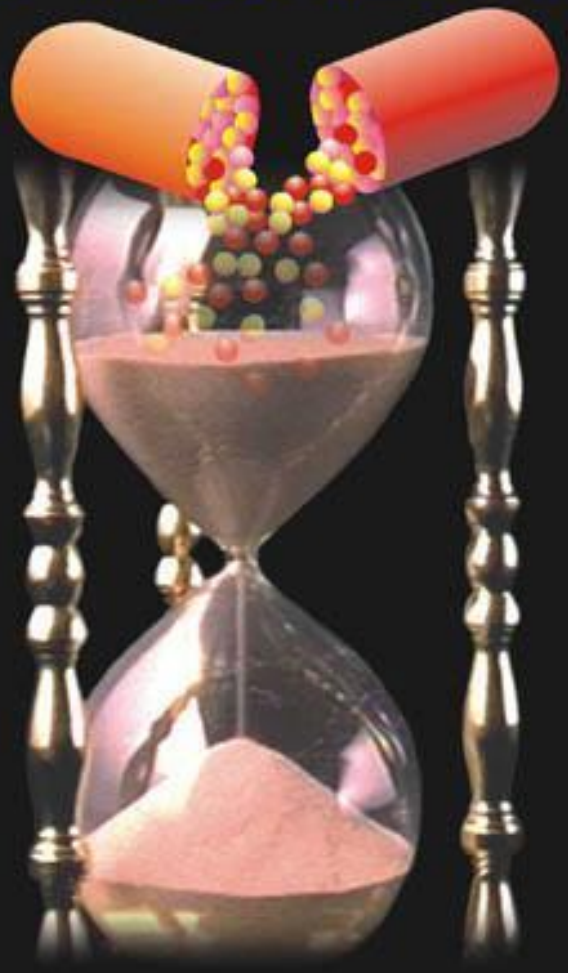

FREE FLOWING QUALITY

maple biotech pvt. ltd.

MICROCRYSTALLINE CELLULOSE " AMBICEL "

R & D Division of ***Maple Biotech Pvt. Ltd.,*** through intensive research developed processess to manufacture versatile Excipients like Microcrystalline Cellulose, Sodium Starch Glycollate, Croscarmellose Sodium and Calcium Carboxy Methyl Cellulose which have many advantages over other excipients like good tablet strength, less lubricant sensitivity and fast disintegration of tablet.

Microcrystalline Cellulose gives superior properties to the tablets irrespective of tableting technique like wet granulation, direct compression, slugging etc. Tableting technique can be very much simplified with the use of Microcrystalline Cellulose.

Microcrystalline Cellulose is manufactured from plant cellulose. Cellulose is a natural polymer of glucose molecules having 1-4 ß linkage. Cellulose constitutes about 40% of plant material. Cellulose derived from plant is in long chain polymeric form, which is treated to convert it into short chain, non - fibrous, free flowing powder form. Cellulose undergoes high degree of purification during the manufacturing process. Maple Biotech's Microcrystalline Cellulose is manufactured under brand name Ambicel is in agglomerated form of cellulose microfibrils. Different grades of MCC (Microcrystalline Cellulose) are produced by virtue of variation in size and density of the agglomerates.

" AMBICEL "

- High purity, Extremely low level of inorganic or organic impurities
- Very good hardness to the tablets
- Rapid Disintegration
- Free flowing property helps in direct compression
- Tableting process simplified
- Superior whiteness to the tablets
- Low Friability
- Low lubricant sensitivity
- Uniform and Fast drying during wet granulation
- Uniform drug distribution