NEWSLETTER Spring 2017

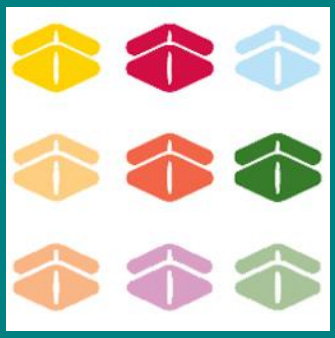
Latest

Vitafoods Europe, Geneva, 9 - 11 May 2017

Meet us at this global nutraceutical event. BIOGRUND is exhibiting on booth L104.

This year we are focusing on titanium dioxide free and natural coloured film coating. For current topical reasons and accumulating customer enquiries, BIOGRUND is committed to find alternatives for common film coating formulations. Therefore, we developed options for a **titanium dioxide replacement**. The most widely used white pigment titanium dioxide has a very high opacity and brightness. For this reason it has a wide range of applications, from colouring ingredient of pharmaceutical film coating to food application colouring.

Different raw materials were tested during the reformulation phase. Partially just one raw material instead of titanium dioxide as well as raw material mixtures. As a result, we created a AquaPolish® formula where we achieve a white film coated tablet surface with invisible differences compared to reference samples coated with a titanium dioxide formulation. The replacement of titanium dioxide also supports clean labelling of your products.



The second focus at Vitafoods is on **natural coloured film coating** formulations. We are showing AquaPolish® in a wide range of bright colours made from vegetables, fruits or edible plants. That kind of colouring provides a clean label strategy. The natural coloured AquaPolish® is free of GMO, artificial colours, aluminium and is also available without titanium dioxide, on customer request.

We are looking forward to welcoming you. Please contact us for a meeting:
By e-mail: info@biogrund.com / by phone: +49 (0) 6126 95263 0

Events

Coating & Tabletting Workshop @ BIOGRUND

On the 21 – 22 March we performed an intensive training for our customers. Discussed topics were capsules and its enteric coating, tabletting excipients & premixes and as well colouring of tablet cores & coating suspensions. In practical trials participants internalized the theory and trained their skills by using the coating and tabletting equipment.

Next coating workshop at BIOGRUND will be beginning of December 2017.

If you are interested in participation, please send us an e-mail: info@biogrund.com

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Products

HME Cleaner Plus (GMP) - Easy cleaning of hot melt extrusion

A purge compound for hot melt extrusion terminates difficulties to clean the extruder after processing. More than half of New Chemical Entities (NCEs), which are developed recently, tend to show high crystallinity and poor solubility in water. Solid dispersion is a technique to improve the solubility and bioavailability of these NCEs. Hot-melt extrusion (HME) is one of the main methods to prepare solid dispersions.

Enteric Polymers (HPMC-AS, Eudragit, Kollicoat etc.), which are widely used as an enteric coating agent, are useful carriers for solid dispersions and applicable for HME. However, these polymers are insoluble in water and users often have difficulties to clean their extruder after processing.

HME Cleaner Plus (GMP) is an almost water-soluble purge compound with a micro-cleansing effect which solve this cleaning difficulty for the HME process. HME Cleaner Plus (GMP) provides effective clean-up, because of its high detergency and low residual properties. Additionally all ingredients have been used as pharmaceutical excipients including water-soluble cellulose ethers. HME Cleaner Plus (GMP) is produced in accordance with IPEC GMP guidelines and meet all requirements of USP/NF, Ph.Eur. and JP.

More information & processing guidelines - please click here.

BonuCel® - Rapid success with an easy-to-use hypromellose for pharmaceutical, food & personal care applications.

Film coating with hydroxypropylmethylcellulose is a well-known, established and effective technique. These coatings are now in widespread use throughout the world. BonuCel® does not interact with drugs, and it has a superior stability and non-ionic character, so it is also effective as a binder. Due to its more stable characteristics, BonuCel® can also be used instead of gelatin for cellulose capsule manufacturing.

The high-viscosity BonuCel®-types are exclusively designed for a hydrophilic matrix agent. This is the easiest sustained release technology for oral dosage forms, consisting essentially of a drug and a water-soluble high viscous polymer.

BonuCel® is produced in accordance with IPEC GMP guidelines and meet all requirements of USP/NF, Ph.Eur. and JP.

Read more in our new & detailed BonuCel® brochure by clicking this link.