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Leading to Better



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SheffCoat™ NP

Aqueous based film coating systems with
colors derived from natural ingredients



SheffCoat™ NP

Kerry has been at the forefront of pharmaceutical innovation for over 75 years. We've earned our reputation for reliability and excellence in serving the pharmaceutical, nutrition and biotech markets. Our superior products, innovative solutions and market-driving alternatives will help you succeed in today's evolving global marketplace. Our drive is to innovate aligned with your needs and support you on your product development journey.

Consumer preferences are undoubtedly trending toward the use of natural ingredients and cleaner labels. This shift challenges manufacturers of over-the-counter drug products, vitamins and mineral supplements to formulate using film coatings made with naturally derived ingredients, while still delivering the key benefits of traditional, synthetic pigment coatings. Kerry now offers a portfolio of film coatings that use naturally derived colors, while maintaining the required functionality of the coating itself.



Natural Pigment Coating

SheffCoat™ NP ready-to-use, water soluble coating formulations transform elements found in nature to provide naturally sourced pigments that are appropriate for use in conventional film coating applications.

Kerry has formulated SheffCoat™ NP using all natural pigments, without the need for aluminum lakes, hydroxides or iron oxides. SheffCoat™ NP coatings are specifically formulated to allow for the cleanest label and best possible light stability, while maintaining important film coating properties, such as high solid to viscosity ratio, quick dispersion, and strong, durable films on the tablet surface.

Ask your Kerry representative about SheffCoat™ NP. We will be happy to help provide regulatory guidance and formulation assistance to choose the right coating for your nutraceutical or pharmaceutical needs – naturally.

Benefits

- Allows for cleaner label claims
- Kosher certified
- Colors free from artificial pigments
- Complies with most rigorous food & pharmaceutical regulations that govern permissible colorants
- Regulatory acceptance in most markets (see Compliance Status chart, page 5)



Compliance Guide in Key Pharmaceutical & Dietary Supplement Markets

Below is a general list of regulatory approvals for colorants by popular governing bodies in the countries listed by column. Approvals of colorants may vary and change depending on the application and use coating applications.

Colorant Approval By Country						
Colorant	EU	US	Canada	Brasil	Australia	Turkey
Anthocyanins	√		√	√	√	√
Beta-Carotene	√	√	√	√	√	
Calcium Carbonate	√	√	√	√		√
Caramel	√	√	√	√	√	√
Carmine	√	√	√	√	√	√
Chlorophyll	√		√	√	√	√
Chlorophyllin	√			√	√	√
Mica Based Pearlescent	√	√	√	√		√
Riboflavin	√	√		√	√	√
Titanium Dioxide	√	√	√	√	√	√
Turmeric (Curcumin)	√	√	√		√	

Description of Country Regulatory Approval Governance Source

- European Union | EC regulation EC no 1333/2008, Annex II
- United States | 21 CFR & US - Drug, 21 CFR
- Canada | Health Canada, Natural Health Products Ingredients Database
- Brasil | Resolução de Directoria Colegiada – RDC n. 45, de 03 de novembro de 2010
- Australia | TGA, Colourings Permitted in Medicines for Oral Use
- Turkey | Turkish Food Codex Ingredients Regulation 5996, Article 17

Explore the Possibilities

Kerry's color coating formulations transform elements found in nature to provide naturally sourced color coatings for tablets. Our products use authentic ingredients to give color, resulting in a more natural product.



Carmine
Red to pink coating



Beta Carotene
Orange to brown coating



Riboflavin
Orange to yellow coating



Chlorophyll
Green coating



Anthocyanin
Red, blue, purple coating



We Look Forward to Innovating Together

Partner with Kerry from start to finish. Let us develop your ideas into winning products through our research, development, innovation and production. While our SheffCoat™ products are manufactured at our Norwich, New York site, you can visit us at the location nearest you.

Kerry Americas

608.363.1200 | 3330 Millington Road, Beloit, WI 53511, USA

Kerry Europe, Middle East, Africa

65.3715.3400 | Millennium Business Park, Naas, Co. Kildare, Ireland

Kerry India

91.22.40015700 | Sahar Plaza, 115 Midas, Andheri Kurla Road, Mumbai 400059, India

Kerry Latin America

55.19.3765.5000 | Av. Mercedes Benz, 460 Distrito Industrial, Campinas, São Paulo, Brazil

Kerry Asia - Singapore

65.6715.3400 | 8 Biomedical Grobe, 02-01/04 Neuros

Kerry Asia - China

86.21.54265333 | Floor 4, Building 92, 1122 Qin Zhou Bei Road, Coahejing Hi-Tech Park, Shanghai





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