

Transition to White Tablets for Improved Drug Absorption and Better Results

3rd

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Binh Dinh, Vietnam Jan 13, 2025 ([IssueWire.com](https://www.IssueWire.com)) - 3rd Degree Pharma Company, Announces Transition to Non-Colored Tablets for Enhanced Drug Delivery and Absorption

As part of our commitment to delivering the highest quality and efficacy in pharmaceutical products, 3rd Degree Pharma announces the discontinuation of color-coated tablets in favor of tablets coated with **Shellac** in a natural white color for all batches produced after January 2025. This decision is based on recent research findings and our ongoing dedication to ensuring optimal customer outcomes.

A study conducted in 2024 by **3rd Degree Pharma Company** highlighted that tablets coated with **Iron Oxides** and **FD&C Colors** combined with **Polyvinyl Alcohol (PVA)** and **Ethylcellulose**, reduce drug absorption by approximately **2-2.5%**. While this reduction may seem minor, it can significantly impact drug efficacy over time, especially for critical therapeutic applications.

In contrast, coatings made from naturally derived substances such as **Shellac** demonstrated no disruption in drug delivery, preserving 100% of the intended absorption rate. While Shellac coatings remain a viable option, our research indicates that transitioning to non-colored tablets eliminates any concerns related to coating interference, ensuring **maximum bioavailability and therapeutic efficiency**.

Technical Findings:

- **Iron Oxides and FD&C Colors:**
 - Found to create a thin barrier affecting the dissolution rate of active pharmaceutical ingredients (APIs).
 - Reduces absorption efficiency in the gastrointestinal tract by **2-2.5%**.
- **Polyvinyl Alcohol (PVA) and Ethylcellulose:**
 - Frequently used as film-forming agents in colored coatings.
 - Show minor resistance to disintegration in simulated gastric fluids.
- **Shellac Coatings:**
 - Natural and non-disruptive to drug release profiles.

Why White Tablets?

- **Enhanced Drug Absorption:** White tablets ensure there are no potential barriers between the drug and the patient's body, maximizing therapeutic benefits.
- **Improved Uniformity:** White, uncolored tablets are free from any variability introduced by dyes or pigments.
- **Customer Health Focus:** Removing synthetic dyes aligns with customer preferences for cleaner, more natural pharmaceutical products.
- **Sustainability:** Reducing the use of synthetic coatings is an environmentally responsible choice.

Commitment to Excellence:

At 3rd Degree Pharma Co, our priority is to continuously evaluate our processes and products to ensure we meet the highest standards of quality and efficacy. This shift to white tablets represents our dedication to improving patient outcomes while embracing science-backed innovation.

Implementation Timeline:

Starting January 2025, all new production batches will feature white tablets without color coatings. The existing inventory of color-coated tablets will remain safe and effective for use until stocks are exhausted.

Customer Assurance:

We assure our customers that this change will not compromise the safety, stability, or therapeutic value of our products. On the contrary, this step reinforces our mission to provide products that align with the highest benchmarks of pharmaceutical science.

For more information, please contact: info@3rd-degree.com

About 3rd Degree Pharma Co.:

3rd Degree Pharma Co. is a fully licensed pharmaceutical company based in Vietnam, specializing in the production of high-quality anabolic products for markets across America, Europe, Asia, and Australia. Unlike underground labs, we operate under the stringent standards and compliances set by the Government of Vietnam and the World Health Organization (WHO).

Our Mission:

To provide the superlative degree of anabolic products, ensuring the highest standards of quality, efficacy, and safety for our customers worldwide.

Dedication to Customer Health and Wellness:

At 3rd Degree Pharma Co., we are committed to continuous research and testing to develop the most efficient and effective products. For instance, in collaboration with the School of Medicine, Tui Tinh, Hanoi, we have enhanced formulations by attaching Methylcobalamine ester to the active pharmaceutical ingredient (API), resulting in a 25% increase in drug absorption.

Our dedication to adhering to international manufacturing standards and our focus on research-driven innovations underscore our commitment to advancing customer health and wellness.

For more information, please visit our website: www.3rd-degree.com.

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