

CD Formulation Develops Innovative Patch Tests for Human Skin to Ensure Cosmetic Safety

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/EINPresswire.com/ -- The cosmetics

market is huge and because there are many products that directly touch human skin, safety tests are extremely important. As the industry understands the importance of cosmetics safety, CD Formulation, a contract research and development biotech firm, has designed patch tests for evaluating risky skin reactions.

Cosmetic products, due to their direct application on human skin, carry the risk of causing adverse reactions if not properly vetted. These responses can be mild irritation or more severe symptoms. There's no cosmetic product released to the marketplace without being tested for safety. The [human skin patch test](#) is the most validated tool in this safety program. The test is intended to look for any risk of allergic skin reaction, ensuring that the product is safe for consumer use.

CD Formulation has an extensive range of skin patch tests, including the closed patch tests, repetitive open patch tests, and repetitive damage patch tests. The test should be selected as per product characteristics and the intended usage. A closed patch test of the skin is, for instance, sufficient for the majority of cosmetics. But with products such as spot cosmetics and powder sunscreens, where test results can be tricky to interpret, repeated open application tests give you a fuller picture.

To conduct these tests, qualified volunteers are selected as test subjects. The patch test involves applying a small amount of the cosmetic product to the skin, using standardized patch test materials. After the application, the test specimen remains on the skin, typically on the forearm, for 24 hours. Any skin reaction after application is noted and recorded.

CD Formulation is also the provider of comprehensive testing services apart from patch testing. Its [one-stop cosmetics solution](#) comprises physicochemical analysis, toxicology, and microbial

analysis, among others. These services make sure all parts of a cosmetic product are tested for safety and industry standards. CD Formulation's services are conducted based on proven global expertise in cosmetic testing, verification, and certification. They help cosmetic companies to comply with the applicable regulations of safety, quality and performance, as well as social and environmental norms.

With a portfolio of real-life applications and international reach, CD Formulation is able to assist clients in quickly and safely delivering safe and quality cosmetic products to market. Please visit the website to learn more.

About CD Formulation

Safety and compliance are still the foundation for product development as the cosmetics sector develops. With extensive [testing and validation for cosmetics](#), CD Formulation ensures that consumers are well-protected and that brands are able to maintain the highest quality and innovation.

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