



**VANTAGE
NUTRITION**
AN **ACG** GROUP COMPANY

**EXEMPLARY
EXECUTION**



VIGNETTES OF VANTAGE
TRANSFORMATION STORIES FROM
THE NUTRACEUTICAL WORLD



The Client

The client is an innovation-driven pharmaceutical company that specialises in dermatology. Each of their products is a clear differentiator over competition. One of the unique features of all their products is that – they are all free from paraben, sulphate and soap. With several unique and innovative products in their basket, they are one of the market leaders in the derma therapy segment.

The Idea

When the client was considering an entry into other therapy segments, hepatology was one area that was of interest to them. They had conceptualised a vegetarian product containing lecithin and coconut oil – both naturally derived, to treat hepatotoxicity. Synergistically these ingredients are responsible for hepatoprotection. High quality raw materials were procured by the client and appropriate care was taken to prevent any batch variation that may arise due to inconsistencies in the physicochemical properties of the ingredients. They meticulously worked and developed a manufacturing process to mix the two ingredients of varying densities to perfection.

Coconut oil, one of the principal ingredients of the product is prone to rancidity in the presence of excessive moisture. Here's when the idea of using liquid-filled hard (HPMC) capsules that are ideal for filling liquids was first thought of. These capsules offer the dual benefit of being vegetarian and containing significantly low inherent moisture compared to conventional soft gelatin capsules.

Translating the Idea into Reality

Once the client was clear about the desired attributes of the product, they started searching for a capable partner and found one in Vantage Nutrition (VN). They were impressed by VN's expertise in liquid encapsulation. Using VN's indigenously developed V-Fill™ technology, VN's team of experts were able to fill the product into ACGCaps™ HL (liquid-filled HPMC capsules). The filled capsules were then band sealed to produce tamper-proof, durable products with a unique brand identity. Further, stability studies were completed for this product successfully.

It was because of the client's clear expectations and VN's proven track record and readiness that the process could be accelerated to deliver the final product well within the timeline.





About Vantage Nutrition

Vantage Nutrition is one of the first companies globally to offer unique solutions to nutraceutical brand owners seeking to introduce new products that allow them to expand their product portfolios and drive business growth. Its concept-to-counter solution is a one-of-a-kind service that meticulously addresses customers' requests with innovation.

VN's V-Fill™ technology is setting a new standard for nutritional ingredients in hard capsules. Its novel technologies allow nutraceutical companies to incorporate liquids, pellets, tablets, powders, capsules or any combinations thereof into hard capsules. Its modern manufacturing unit holds the FSSC 22000 certification and EIC approval. It is equipped with the latest best-in-class liquid-fill technology. This facility, while continuously innovating, maintains the highest quality standards offering the Vantage Advantage.