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## Bio-Engineered Beauty: Scalable, Renewable, and Customizable

Amyris, Inc.

[amyris.com](http://amyris.com)

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### PRODUCT/SERVICE BACKGROUND INFORMATION

Functional ingredients like emollients, polymers, and elastomers are vital in beauty and personal care for sensory and performance benefits. Yet many are unsustainably sourced—from petrochemicals, animals, or low-yield plants – making it hard to create high-performing products with only sustainable inputs. Amyris' patented platform uses synthetic biology and precision fermentation from renewable carbon to offer better alternatives. This poster explores how Amyris' technology enables diverse ingredient creation and how pairing it with green chemistry expands application potential – ultimately bringing innovative solutions to address unmet needs within the beauty and personal care industry.

### WHAT IS THE COMPANY INTRODUCING TO THE MARKET/INDUSTRY?

Myrapol™ 150 is a groundbreaking, sustainable emollient derived from 100% sustainable sugar. As a first-of-its-kind solution, it empowers brands to create clean products, answering the industry's need for genuine innovation. Delivering a sensory profile equal to dimethicone 100 cP – highly spreadable, quick-absorbing, non-greasy, and smooth – Myrapol 150 enables silicone-free formulations. With demonstrated superior performance in haircare, skincare and color compared to silicones and other benchmarks such as PTIS, this novel ingredient not only supports sustainability goals but also drives the next generation of product innovation to meet evolving consumer expectations.

### HOW WILL THIS NEW PRODUCT/SERVICE IMPACT THE INDUSTRY (BENEFITS)?

With a proven ability to scale biofermentation products, Myrapol™ 150 is just one example of our platform's potential. Amyris' innovative materials are intentionally designed to address specific skincare concerns, enhance formulation performance, and deliver aesthetic benefits. Through partnerships with leading beauty ingredient suppliers and brands, we make targeted and thoughtful solutions available to the market that improve cost efficiency and shorten development timelines – accelerating market access to address unmet consumer needs with precision and speed.