

Amyris Launches Plant-derived Sustainable Silica for Clean Beauty Applications

EMERYVILLE, Calif., July 15, 2020 /PRNewswire/ -- [Aprinova, Inc.](#), an Amyris, Inc. (Nasdaq: AMRS) joint venture, the leading supplier of high performance, clean beauty ingredients is commercializing a plant-derived silica made from sugarcane ashes. Silica is used widely in personal care and cosmetics. It is traditionally sourced from non-renewable sand dredging, which requires significant energy consumption and emits large amounts of CO₂. The new ingredient branded Biosilica™ can be used in foundations, creams, lotions and other applications as a sustainable and better performing alternative to traditional silica. In addition, it offers an alternative to microplastics which are being phased out of many cosmetic products.

This ingredient innovation has been led by Amyris, a leading synthetic biotechnology company in the Clean Health and Beauty markets and a top supplier of sustainable and natural ingredients, in partnership with the Universidade Católica Portuguesa – Escola Superior de Biotecnologia ("UCP") in Porto/AICEP Consortium Project. As of last year, [Grand View Research, Inc.](#) projected that the color cosmetics market is expected to be valued at about \$87 billion in retail value by 2025, with a CAGR of approximately 6% and according to an analysis of Mintel GNPD, over 10% of new color cosmetic product launches over the last five years contained silica.

Biosilica™ is available for sampling in August with commercial scale volumes expected to begin in 2021 and allows brands to participate in the circular economy based on the concept that materials and products are never wasted, but always reused or recycled. Cosmetic brands can [get on the list to request samples](#) online through Aprinova.

In consumer perception studies, both pressed powders and liquid foundations made with Biosilica™ demonstrated great skin performance when compared with formulations using industry benchmark silica. Our plant-derived silica has unique sphericity, high oil absorption, particle size and oil/water absorption ratio. These characteristics offer premium benefits such as elegant texture, sebum control, mattification, and anti-aging effects without drying the skin.

The beauty industry is ready to lead sustainable innovations as it touches more lives each day than almost any other industry and produces millions of tons of waste from ingredient supply to product packaging. Consumer demand for safe, high performing, and sustainable ingredients has led the megatrend toward Clean Beauty. Biosilica™ sets a new standard for how science and technology can help brands meet this consumer demand for better and safer ingredients.

About Amyris

Amyris (Nasdaq: AMRS) is a science and technology leader in the research, development and production of sustainable ingredients for the Clean Health & Beauty and Flavors & Fragrances markets. Amyris uses an impressive array of exclusive technologies, including state-of-the-art machine learning, robotics and artificial intelligence. Our ingredients are included in over 3,000 products from the world's top brands, reaching more than 200 million consumers. Amyris is proud to own three consumer brands - all built around its No Compromise® promise of clean ingredients: Biossance™ clean beauty skincare, Pipette™ clean baby skincare and Purecane™, a zero-calorie sweetener naturally derived from sugarcane. For more information, please visit www.amyris.com.

Forward-Looking Statements

This release contains forward-looking statements, and any statements other than statements of historical fact could be deemed to be forward-looking statements. These forward-looking statements include, among other things, statements regarding consumer response to clean beauty, consumer trends, waste stream reduction efforts, sustainable and safe products, consumer adoption of new product, and the potential of the product launch to lead the way toward clean beauty and clean manufacturing. These statements are based

on management's current expectations and actual results and future events may differ materially due to risks and uncertainties, including risks related to Amyris's liquidity and ability to fund operating and capital expenses, risks related to potential delays or failures in development, production and commercialization of products, risks related to Amyris's reliance on third parties, and other risks detailed from time to time in filings Amyris makes with the Securities and Exchange Commission, including Annual Reports on Form 10-K, Quarterly Reports on Form 10-Q and Current Reports on Form 8-K. Amyris disclaims any obligation to update information contained in these forward-looking statements, whether as a result of new information, future events, or otherwise.

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