

Cataya and NAGASE Clear Path to Market with Successful 15,000L Demo Production of Sustainable Personal Care Ingredient



Shanghai, China Oct 22, 2025 ([Issuewire.com](https://www.issuewire.com)) - Cataya Bio (Shanghai) Co., Ltd. ("Cataya"), a leader in sustainable ingredient innovation and manufacturing using synthetic biology, today announced it has successfully produced a novel personal care ingredient at the 15,000-liter demo scale. This achievement, reached in collaboration with Nagase & Co., Ltd. ("NAGASE"), validates the product's commercial readiness and paves the way for full-scale market launch.

The partnership between Cataya and NAGASE focuses on the joint development, scale-up, and global commercialization of an innovative personal care ingredient. The successful production confirms that the product meets all target specifications and key commercial performance metrics, a critical step in de-risking the transition from lab research to industrial manufacturing. This achievement creates a clear pathway to its successful production at scale and entry into the market.

"Success at this scale in record time is more than a technical accomplishment; it's a strong validation of our shared vision with NAGASE to bring high-performance, sustainable innovation to market," said Dr. Lishan Zhao, CEO of Cataya. "By combining cutting-edge R&D with advanced biomanufacturing, we help partners validate technology, optimize processes, and scale efficiently – accelerating time-to-market while reducing costs. Our mission is to drive the global transition to greener solutions through biotechnology, and this milestone demonstrates how we are turning innovation into impact at scale."

About Cataya

Founded in 2021, Cataya Bio (Shanghai) Co., Ltd. develops and manufactures high-value, sustainable ingredients for the personal care, wellness, and nutrition industries using its proprietary synthetic biology and fermentation platforms. The company is dedicated to replacing traditional petroleum-based or resource-intensive processes with efficient and bio-based solutions.

About Nagase & Co., Ltd.

Founded in 1832 in Japan, Nagase & Co., Ltd. is a global leader in chemicals, plastics, electronics, mobility, life and healthcare products, with a strong focus on innovation and sustainability. The company leverages its extensive global network and technical expertise to deliver solutions that meet evolving market needs.

Media Contact

Cataya Bio

*****@cataya.com

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