

6 September 2024

FIRST SHIPMENT OF NUFOLIUM™ FIBRE FOR PILOT SCALE PRODUCT TESTING

Highlights:

- **Confirmation of successful shipment for 110kg batch of Nufolium-20™ fibre to Nanollose's development partners for product testing**
- **Nufolium-20™ fibre will be converted by Glatfelter into nonwoven fabric samples for Codi Group, a leading global manufacturer of wet wipes**
- **Codi Group will conduct product testing in accordance with the R&D cooperation agreement with Nanollose**
- **Shipment marks the next step in commercial development strategy for Nufolium™ fibre, with potential access to an expanded market for nonwoven applications to complement its Nullarbor™ fibre for fashion applications**

Leading biomaterials company Nanollose Limited (ASX: NC6) ("Nanollose" or the "Company") is pleased to report that it has provided 110kg of Nufolium-20™ fibre to Glatfelter, a leading global manufacturer of engineered materials.

The Nufolium-20 fibre will be converted by Glatfelter into nonwoven fabric for Codi Group ('Codi') to test for use in the manufacture of wet wipes.

Codi is a European conglomerate that manufactures and distributes wet wipes to 40 countries globally and manufactures over 210 million pieces of consumer packaging per year.

The shipment from Nanollose was made in accordance with its existing cooperation agreement with Codi. The agreement sets out the framework for the two parties to work together exclusively to develop wipe products using Nanollose's Tree-Free and Forest-Friendly fibres made from microbial cellulose (refer ASX announcements 16 August 2019 and 18 August 2022).

The 110kg of Nufolium-20 fibre was produced from Nanollose's third pilot production run which also produced 430kg of Nullarbor-20 fibre – part of a multi-year R&D partnership with Birla Cellulose (refer ASX Announcement 6 December 2023).

It was the first batch of Nufolium-20 produced from the ongoing pilot production programme, marking an important development milestone towards accessing the global market for nonwoven applications.

The global wet wipes market was estimated at US\$27.07 billion in 2022 and is expected to grow at a compound annual growth rate (CAGR) of 3.8% from 2023 to 2030¹.

This first test batch of Nufolium-20 fibre will be provided to Glatfelter at no cost. Glatfelter and Codi will collaborate with Nanollose and provide updates on the results and potential of Nufolium fibres in wet wipes manufacturing.

Management commentary:

Executive Chairman Dr Wayne Best said: *"The successful shipment of our 110kg batch Nufolium-20™ fibres marks the ongoing execution of our long-term development strategy for this technology, in collaboration with our international manufacturing partners. The application of our novel technology to provide forest-friendly solutions to the global wet wipes market presents a potentially lucrative market opportunity, and we are excited to embark on the next round of product testing. Our recent production breakthrough for Nufolium-20™ complements the ongoing development our flagship Nullarbor fibre and we look forward to providing more updates on key developments across our product suite throughout the remainder of CY2024."*

¹ <https://www.grandviewresearch.com/industry-analysis/wet-wipes-market-report>

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AUTHORITY AND CONTACT DETAILS

This announcement has been authorised by the Board of Directors of Nanollose.

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ABOUT NANOLLOSE

Nanollose Limited (ASX: NC6) is a leading biomaterials company commercialising scalable technology to create fibres, fabrics and other novel materials with minimal environmental impact. Nanollose's, eco-friendly fermentation process can use agricultural waste and by-products to produce cellulose, a versatile raw material traditionally produced from trees via the wood pulping process. The company then uses this 'Tree-Free' cellulose as an input for its range of innovative biomaterials including its Nullarbor™ fibres, Biollose™ horticultural medium, and its emerging animal-free and plastic-free leather-like materials.

Nanollose filed a joint patent application with strategic partner, Birla Cellulose, for its high tenacity, Tree-Free Nullarbor lyocell fibre in 2021. Work has now moved out of the laboratory and into Birla Cellulose's pilot production facilities in India where we have completed three successful pilot production runs to date totalling over a tonne of fibre, 800kg of Nullarbor-20™ and 150kg of Nullarbor-30™, and 110kg of Nufolium-20™. Quantities of these fibres have since been sent to several collaborators and been converted into yarns, fabrics, and garments for testing and evaluation, prior to potential uptake by partners.

Nanollose Investor Hub:

We invite you to use our Investor Hub for any questions about this announcement or other matters regarding Nanollose. This forum offers an opportunity to submit questions, share comments, and view video summaries of key announcements.

To access the Nanollose investor hub go to <https://investorhub.nanollose.com/>