ASX Release

5 January 2026

Nullarbor™ Feedstock Delivered to Birla Cellulose Ahead of Fourth Pilot Spin

- **Upgraded 200kg batch of microbial cellulose delivered to Birla Cellulose's facility in India following customs clearance.**
- **The batch was produced by China-based partner, Hainan Guangyu Biotechnology (HGB), using an optimised washing and treatment process, eliminating the need for additional processing in India, facilitating immediate integration into the lyocell process.**
- **Fourth pilot production spin is expected to yield approximately 500kg of Nullarbor-30™ fibre – the largest batch to date – comprising 30% microbial cellulose and 70% FSC-certified wood pulp**
- **Results from the fourth pilot spin are expected to be announced in February**

Advanced biomaterials company Nanollose Limited (ASX: NC6) ("Nanollose" or the "Company") is pleased to advise that the microbial cellulose for the fourth pilot production spin of proprietary Nullarbor™ fibre has arrived in India and cleared customs. Co-development partner, Birla Cellulose, is expected to commence specification testing and fibre spinning by early February.

The feedstock for the 4th spin—a 200kg batch of microbial cellulose—was produced by Nanollose's long-term partner in China, HGB, using an optimised washing and treatment process developed by Nanollose. This optimisation ensures the microbial cellulose is usable as incremental feedstock for the lyocell process in India, without additional pre-processing.

Results from the fourth pilot production spin are expected to be announced in February 2026. Successful validation of Nullarbor™ fibre production within the existing lyocell infrastructure would position the Company to scale more efficiently, appealing to commercial counterparties seeking sustainable, alternatives to conventional cellulose-based fibres made from wood pulp.

CEO and Managing Director, Mr Andrew Moullin said:

"We are pleased to have delivered the microbial cellulose to India for the fourth pilot spin. Each pilot spin facilitates the expansion of Nanollose's manufacturing IP footprint by further optimising our international supply chain processes. Results from this pilot production run will inform our development strategy for CY2026, where the Company is assessing several options to scale production and realise value from this unique technology. We thank shareholders for their patience and encourage them to reach out with any questions. We look forward to providing a near-term investor update following completion of the fourth spin, kicking off a busy year of news flow and activity in 2026."

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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, MicroGel™ 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 100kg 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.