



## **Trendlines Portfolio Company Celleste Bio™ Unveils World's First Milk Chocolate Bars Made with Cell Cultured Cocoa Butter**

- *This achievement positions Celleste to scale its operations, with market-ready cell cultured cocoa butter anticipated by 2027.*
- *Founded and incubated by Trendlines, Trendlines holds a 17% stake in Celleste*

Misgav, Israel – 21 April 2026 – The Trendlines Group Ltd. (SGX: 42T; OTCQX: TRNLY), an investment group focused on agrifood and medtech innovation, is thrilled to announce that portfolio company Celleste Bio™ (“**Celleste**”) unveiled the world's first milk chocolate bars made with real cocoa butter using cell suspension culture technology. This marks a significant advancement for Celleste in accelerating its ability to build a scalable and commercially viable cocoa supply.

Mondelēz International used the cocoa butter from Celleste to produce almost twelve chocolate bars that met its product standards. Celleste can produce enough chocolate grade cell cultured cocoa butter for chocolate bars using only a single cocoa bean.

Celleste, founded in 2022, has over the past three years achieved significant milestones, including validating its cell cultured cocoa butter as a direct alternative to traditional cocoa, establishing a pilot facility for scaling production, and demonstrating that its product matches the quality and performance of conventional cocoa butter. These accomplishments have positioned Celleste to move toward commercial-scale operations.

Celleste intends to transform the chocolate market by using AI modelling to tailor cocoa butter for specific melting points and flavour profiles, giving manufacturers a boost in innovation and competitiveness.

Celleste is developing a resilient supply chain by achieving commercial-scale cocoa butter production in a 1000-liter bioreactor using only a single cocoa bean. This process eliminates the sole dependence on the traditional farming of cocoa trees and supplements production, without replacing it. Celleste has established a diverse bank of cocoa bean varieties for testing and scaling production, ensuring sustainable growth without harming natural resources.

To date, Celleste has raised US\$5.6 million from various investors, including Mondelēz International as a strategic and design partner, along with The Trendlines Group, Supply Change Capital, Barrel Ventures, Consensus Business Group and other non-dilutive grants.

Trendlines’ Executive Director and CEO Haim Brosh commented, “This milestone demonstrates Celleste's cell cultured ingredients are bio-identical to conventionally grown cocoa - meaning they deliver the same texture, melt profile and sensory experience, and sets the stage for scaling production to market-ready quantities in the foreseeable future.”



-The End-

#### **About Celleste Bio**

Celleste Bio is a food technology company developing cocoa ingredients through proprietary cell suspension culture technology. The company's patented platform produces chocolate-grade cocoa butter that is bio-identical to conventionally sourced cocoa butter, offering a drop-in replacement that preserves the quality and functionality that chocolate makers and consumers depend on. Celleste is committed to building a more resilient, sustainable, and traceable future for chocolate lovers and the industry.

#### **About The Trendlines Group Ltd.**

The Trendlines Group (SGX: 42T; OTCQX: TRNLY) invests in and develops innovations in agrifood and medtech, transforming early-stage technologies into impactful businesses. With operations in Israel and Singapore, Trendlines combines capital, expertise, and strategic partnerships to drive growth, advance global sustainability, and create long-term value for shareholders.

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*This press release has been reviewed by the Company's sponsor, PrimePartners Corporate Finance Pte. Ltd. (the "**Sponsor**"). It has not been examined or approved by the Singapore Exchange Securities Trading Limited (the "**Exchange**") and the Exchange assumes no responsibility for the contents of this press release, including the correctness of any of the statements or opinions made or reports contained in this press release.*

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