

DMC launches fermented myo-inositol ingredient

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DMC Biotechnologies, a leading U.S.-based biomanufacturer, announced the commercial launch of fermented myo-inositol. This next-generation ingredient is now available for health-focused brands and formulators seeking high-quality, naturally produced, sustainable solutions, with improved supply resilience.

DMC's fermentation-derived myo-inositol is produced through a natural, solvent-free process that ensures superior purity and reduces environmental impact. Traditional chemical synthesis of myo-inositol uses harsh chemical processes, feedstock more susceptible to impurities, and significant energy for refining. Fermented myo-inositol meets the increasing demand from consumers, brands, and formulators for clean-label, responsibly sourced ingredients.

"We're proud to introduce a cleaner, more sustainable source of myo-inositol—an essential nutrient that supports glucose management, reproductive health, and infant development," said Rusty Pittman, VP of Business Development at DMC. "Fermented myo-inositol is more naturally produced, better for the environment and offers higher assurance of purity and consistent quality—important benefits for all health ingredients. We are particularly grateful to the leading brands that supported this initiative with valuable product insights and early supply commitments."

"Myo-inositol marks DMC's entry into the nutraceutical space," said Jim Flatt, CEO of DMC. "We're excited to follow it with a second ingredient later this year—the beginning of a broader portfolio of nutraceutical and cosmetic actives we are building. These two product introductions are clear examples of DMC's ability to meet the growing market demand for sustainable products in a timely and cost-efficient manner."

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Myo-inositol, a naturally occurring sugar in the human body, plays a key role in cell signalling, insulin response, and neurotransmitter function, making it essential across various life stages and health conditions. With significant growth across key dietary supplement, infant nutrition, and functional food markets, a naturally produced, cleaner, and sustainable source of

myo-inositol is more important than ever.