CALYXION BIOSCIENCES

SYNTHETIC BIOLOGY | PRECISION FERMENTATION | BIOPROCESS ENGINEERING

Company Overview

Calyxion Biosciences develops cannabinoid ingredients through synthetic biology, metabolic pathway design and precision fermentation. The company combines cell engineering, bioprocess optimization and quality-driven downstream purification into a single biomanufacturing platform.

Platform Workflow

- Synthetic biology and pathway design
- Microbial strain engineering and validation
- Precision fermentation and pilot-scale process development
- Purification, analytics and quality control
- Commercial translation and partner integration

Manufacturing and Capability Areas

- Engineered microbial cell-factory platform
- Pilot fermentation capability and scale-up readiness
- Documented quality systems and batch traceability
- Regulatory and commercialization planning for strategic markets

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