

HUMAN HEALTH

WHY MDG? REAL SCIENCE MATTERS; IT IS OUR FOUNDATION.



MDG stands behind the probiotic ingredients we produce. Our products are born from rigorous research and development, testing, and validation to ensure we are supplying manufacturers and distributors with high quality ingredients that are differentiators in the marketplace.

CUSTOM STRATEGIC PARTNERSHIPS

We're not just a supplier—we're a partner. Our customizable support options, including R&D innovation, technical guidance, and operational flexibility, allow us to form a partnership with you that fits your needs and serves your goals. We can help you create probiotics that will differentiate you in the marketplace and encourage business growth, both now and into the future.



SPECIALIZED STRAIN SCREENING

MDG's *Bacillus* strains are strategically selected from a library of over 10,000 strains we've isolated. Using in vitro, in vivo, and in silico techniques that allow us to characterize strains both functionally and genomically, we conduct a thorough screening to find the strains with the best performance attributes. Throughout the process, we are keeping regulatory criteria in mind and anticipating future compliance needs, both for us and for our partners.

CERTIFIED MANUFACTURING PROCESSES

All of MDG's manufacturing facilities follow Good Manufacturing Practices (GMP) and are FSMA-compliant and HACCP-certified. We only grow our *Bacillus* as single strains to ensure culture purity, and we test for purity at multiple steps during the manufacturing process. Our consistent and dependable performance helps you formulate your final product with confidence.