

Enhancing Life Through Biotechnology



Drawing on extensive industry experience, Probiotics Australia has established the first TGA/cGMP certified production facility dedicated to probiotic API manufacturing in Australia.

Staffed by a dynamic team of industry experts, Probiotics Australia research, refine, and produce clinically proven probiotics for global markets. Our dedication to human health drives us as we consistently deliver innovative and natural solutions that enhance life through biotechnology.



Why Probiotics

The human body is comprised of diverse micro-ecosystems of bacteria collectively known as the microbiome. Each species has unique and varying functions within the body. Most of these bacteria are beneficial - these 'good' bacteria are known as probiotics. Probiotics can assist your body to produce vitamins, absorb nutrients from your food, and even help regulate your mood. Probiotic bacteria can also serve as placeholders, taking up room by colonising your digestive tract so that other bacteria can't settle in, multiply, and create chaos for your system.

Research and Development

Research and development is a part of our founding ethos, who we are and what we do. Probiotics Australia actively collaborates with universities, researchers and other partners to improve the innovation ecosystem. Combined with our own expertise in fields including microbiology, biochemistry, pharmaceuticals, food science and engineering, we apply this to develop creative ideas and research.

We pride ourselves on catering for any custom needs for our clients. Our R&D team will tackle obstacles and challenges specific to your field of interest whilst maintaining the highest standards.



Quality Facilities

Probiotics Australia operate a new bio-manufacturing plant that caters for the next generation of biotechnologies. Featuring custom designed and built, state-of-the-art, TGA/cGMP certified production space, multiple research laboratories including genetic sequencing capabilities, this is the first facility of its type in Australia.

Our facility is specifically designed to meet requirements of TGA/cGMP and HACCP. Continuous monitoring and a comprehensive quality management system ensure that you receive only the highest quality probiotic APIs.

Probiotics Australia is committed to be a sustainable and organic business. From procurement, through production to the finished product, our facility is Australian Certified Organic.



www.probioticsaustralia.com.au



Probiotic Strains

Probiotics Australia produce over 25 pure strains of the highest quality probiotics. Additionally, our formulation experts can make complex, multi-strain bacteria formulations to effectively and efficiently meet your exacting requirements the highest quality probiotics. Our products are available in multiple dosage forms. A selection of the most popular strains we produce are:

Genus	Species	PA - Code
Lactobacillus	<i>L. acidophilus</i>	PA-LA01
	<i>L. brevis</i>	PA-LB02
	<i>L. casei</i>	PA-LC03
	<i>L. delbrueckii</i> subsp. <i>bulgaricus</i>	PA-LD04
	<i>L. fermentum</i>	PA-LF05
	<i>L. gasseri</i>	PA-LG06
	<i>L. helveticus</i>	PA-LH07
	<i>L. paracasei</i>	PA-LP09
	<i>L. plantarum</i>	PA-LP10
	<i>L. reuteri</i>	PA-LR11
	<i>L. rhamnosus</i>	PA-LR12
	<i>L. salivarius</i>	PA-LS13
Bifidobacterium	<i>B. animalis</i> subsp. <i>lactis</i>	PA-BL21
	<i>B. bifidum</i>	PA-BB22
	<i>B. breve</i>	PA-BB23
	<i>B. infantis</i>	PA-BI24
	<i>B. longum</i>	PA-BL25
Streptococcus	<i>S. thermophilus</i>	PA-ST30
Lactococcus	<i>L. lactis</i> subsp. <i>lactis</i>	PA-LL50
Enterococcus	<i>E. durans</i>	PA-ED60
	<i>E. faecium</i>	PA-EF61
Pediococcus	<i>P. acidilactici</i>	PA-PA70
Leuconostoc	<i>L. mesenteroides</i>	PA-LM80

Applications

Probiotics have a wide range of applications that can enhance life and deliver beneficial results. Technological advances and ongoing research are increasing the applications for probiotics. Some of the current uses include:



Dietary Supplements

Supplements can assist your body to absorb nutrients, relieve stress and anxiety and help fight intestinal tract illnesses by improving Gut-flora balance and immunity.



Food & Beverages

The presence of probiotics in commercial food products and beverages has the potential to develop foods and drinks with health benefits beyond adequate nutrition.



Agricultural

Agricultural applications include fortified feed to benefit the animals and plant biofertilizers, strengtheners and biopesticides.



Aquaculture

An increased need for growth of aquatic organisms has brought about the use of probiotics as an environmentally friendly alternative.



Pet Care

Beneficial bacteria are considered to be essential for good overall pet health and among other health benefits can also help restore and improve intestinal balance.



Cosmetics

Probiotics can act as modulators, playing an important role in microbial balance and a healthy skin microbiome.

Contact us to discuss your specific strain needs.

Contact Probiotics Australia to discuss your probiotic API, research or finished product needs