

LACTOBACILLUS RHAMNOSUS GG (ATCC 53103) PHARMA GRADE



Pharmaceutical authorizations

- AIFA authorization for API (Active Pharmaceutical Ingredients) and medicinal production
- GMP certification for API (Active Pharmaceutical Ingredients) and bulk production

Lactobacillus rhamnosus GG was isolated from the intestinal tract of a healthy human by Dr. Sherwood Gorbach and Dr. Barry Goldin from Boston in 1983, and called it "GG" because of their last names.

Lactobacillus rhamnosus GG is the World's best documented probiotic strain with more than 1000 scientific publications and 300 clinical studies from preterm infants to the elderly population and even pregnant women with no reported serious adverse events.



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Status

In Europe, the species *Lactobacillus rhamnosus* has been granted Qualified Presumption of Safety (QPS) status since 2007 by the European Food Safety Authority (EFSA), while in the US the Food and Drug Administration (FDA) has designated the strain as Generally Recognized as Safe (GRAS).

Lactobacillus rhamnosus GG can be produced in high quality pharma grade bulk in accordance with European pharmaceutical GMP as an Active Pharmaceutical Ingredients (API).

Clinical studies

Scientific literature on *Lactobacillus rhamnosus* GG indicate that the probiotic strain may have beneficial effect on gastrointestinal and immune function:

- for diarrhea in adults and children
- for Irritable Bowel Syndrome (IBS) and Ulcerative Colitis (UC)
- for Allergies and Eczema
- for Baby Colics
- for boosted Immunity

