



lumina

PROBIOTIC DISPLACEMENT STRAIN

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STRAIN SPECIFICATIONS

BCS3-L1

STRAIN OF S. MUTANS

CNM- EDH+
LDH- CSP-

MUTACIN 1140+

BACTERIOCIN PRODUCED BY S. MUTANS

SEROTYPE C

INGREDIENTS

0.5g live s mutans 50%
0.48g sucrose 48%
0.02g PBS 02%

Origin

This probiotic strain was first created in 2000 and investigated for use as a caries vaccine; a one-time brushing with this genetically modified bacteria could indefinitely prevent dental cavities. It was popular in the public consciousness, but never made it to market as a consumer product.

Science

Standard oral bacteria (Streptococcus Mutans) convert sugar to lactic acid, which erodes enamel and causes cavities over time.

The Lumina strain is genetically modified to not secrete lactic acid, and to outcompete native bacteria.

Vitalia

Lumina Probiotic is available publicly for the first time at Vitalia Biotech Conference in Roatan, Honduras. We are limited to 100 appointments for the duration of Vitalia.