

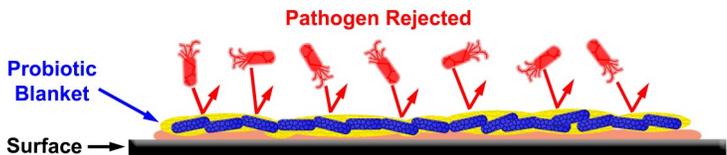
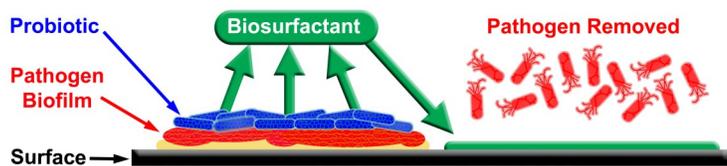
Log10[®] Pre-Limate Probiotic Blends

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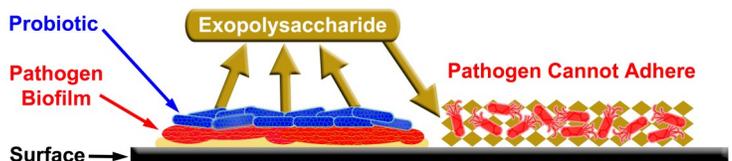
Log10 produces Pre-Limate™ probiotic blends; patented formulations made of all food grade ingredients, utilized by food processing facilities to prevent, reduce or eliminate pathogen contamination in food, feed and processing environments¹. Validation studies show efficacy on common food contact surfaces and various food matrices, including dry extruded and raw pet food, fishmeal, meat and produce. Available in both dry and liquid formulas, Pre-Limate™ can be utilized in a wide variety of environments and food products.

Each process, environment and product has a unique microbiome. Pathogens existing in one facility may be completely different than any other. *Listeria*, *Salmonella*, *Clostridia*, *Campylobacter*, *E. coli*

and many others may be a resident pathogen and are most likely unique to each facility in some way. This can be dependent upon the product produced (meat vs produce; dry pet food vs. wet pet food), and in many cases, can produce a biofilm that is more resistant than typically encountered in a food facility. Regardless, Log10[®] services and products can help provide a farm to fork solution for growers, producers and processors to prevent or overcome their pathogenic challenges.



Pre-Limate™ blends are made using all Generally Recognized as Safe (GRAS) food grade ingredients following Good Manufacturing Practices (GMP) and adhering to the highest compliance regulatory requirements and industry standards, including Hazard Analysis Critical Control Point (H.A.C.C.P.) principles. Pre-Limate™ blends can be customized to meet an individual client's unique product specifications and facility needs. Each blend is customized by concentration, host and strain specificity, with multiple carrier options that include wet and dry (i.e. sweet potato, pea protein, corn starch, water, etc.). Currently Pre-Limate™ probiotic wet and dry blends are being used in food processing and pet food manufacturing facilities across the country. Pre-Limate™ is a proven successful intervention and prevention technology used to eliminate pathogens when added to food, feed or environments. Contact us today to discuss how we can design a tailored solution to protect your company, brand and reputation.



¹Log10 Pre-Limate™ and its application process are patented with the United States Patent and Trademark Association.