



OROZYME®

ORAL HEALTH CARE
Orozyme®



The solution for professional oral health care

Orozyme® contains a series of enzyme which hasten an enzymatic pathway called Lactoperoxidase (LPO) pathway which is naturally occurred in the buccal cavity. This enzymatic pathway will help break off carbohydrate which stuck within the teeth and to come out with an end product call Hypothiocyanate (OSCN-). This substance is a potent antibacterial, antiviral and antifungal agent.

Active Ingredients	Function
Amylase Glucoamylase	Break down starch to glucose
LPO system: • Glucose oxidase • Potassium thiocyanate • Lactoperoxydase	Convert glucose to hypothiocyanate (OSCN-) A strong antibacterial • Gram +ve: <i>Lactobacillus acidophilus</i> , <i>L. casei</i> , <i>Streptococcus mutans</i> , <i>S. sobrinus</i> , <i>Listeria monocytogenes</i> , <i>Staphylococcus aureus</i> , <i>Peptostreptococcus anaerobius</i> • Gram -ve: <i>E. coli</i> , <i>Salmonella typhimurium</i> , <i>Pseudomonas aeruginosa</i> Antivirus • Herpes simplex • Retroviruses (HIV) Anti-yeasts • <i>Candidia albicans</i> Antifungal
Superoxide dismutase	• Free radical scavenger • Transform SCN- →OSCN- faster • Speed up LPO system
Lysozyme	Break down cell wall of pathogenic bacteria
Lactoferrin	Bacteriostatic Iron binding, deprive pathogenic bacteria from iron.
Mild abrasive	Remove plaque that had been broken down by the LPO system.