

# Dentalcidin® Oral Care System

Oral Microbiome Toothpaste & Liposomal Rinse

## TWO-STEP DENTACEUTICAL™ SOLUTION



Supports oral microbiome balance for whole-body health\*



Removes plaque, whitens, and keeps teeth smooth and clean all day



Utilizes liposomal technology for deeper penetration in the periodontal area\*



Antioxidant and tissue-soothing activity\*

### Step 1 | BRUSH WITH

Dentalcidin® Oral Microbiome Toothpaste

**USAGE** A little goes a long way. Brush 2-3 times daily.

### Step 2 | RINSE WITH

Dentalcidin® LS Liposomal Rinse

**USAGE** Swish with 2 pumps after brushing and flossing, then spit.

### Whole-Body Health Begins in the Mouth

Everyone wants a beautiful smile. Beyond beauty, it's a sign of good health and whole-body health.

Consider this – what's behind that smile?

A healthy mouth is the result of a balanced oral microbiome. But there's more to it. What grows in our mouth – healthy or otherwise – is swallowed and may go on to grow in our gut. In addition to its impact on gut health, research shows that oral health also sets the stage for systemic health.

More than just toothpaste and mouthwash, Dentalcidin® and Dentalcidin® LS are dentaceuticals® – natural dental formulations that improve the health of teeth and gums, ultimately supporting whole-body wellness.

### Powered by the Biocidin® Botanical Blend

Biocidin® – our legacy, broad-spectrum botanical blend – is the primary active ingredient in both Dentalcidin® toothpaste and Dentalcidin® LS liposomal rinse.

The 18 botanical extracts and essential oils in Biocidin® support healthy microbial balance, modulate immune activity, and maintain a healthy inflammatory response.\*

And the Biocidin® in the Dentalcidin® Oral Care System disrupts plaque biofilms, leaving teeth feeling exceptionally smooth and clean.\*

This is a revolutionary approach – a natural solution that supports fresh breath, healthy gums, and clean white teeth, all while preserving oral microbial balance.\*  
Now that's something to smile about.

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## SMILE

**Promote oral health.** That's why we've created one-of-a-kind oral health care products. Products with a systemic reach and demonstrated activity that clear away unwanted oral microbes and plaque (biofilms). Foundational Dentaceutical™ care – it all begins here.



## Clinical Focus: Who's It For?

- Those looking to uplevel their daily-use oral care routine
- Those seeking a professional-strength, plant-based toothpaste without fluoride
- Those addressing plaque and bad breath\*
- Anyone looking to avoid translocation of organisms before and after flossing and dental procedures

## Plaque: More Than Just Fuzzy Teeth\*

Plaque begins as a sticky biofilm produced by microorganisms. It's a hideout for bacteria, yeasts, fungi, and parasites – some of which are harmful. This biofilm hardens into a microscopic, honeycomb-like structure that must be removed through professional dental cleaning.

Left alone, it begins to break down tooth enamel and creates pockets under the gums. This can cause inflammation and degradation of gum tissue and supporting bone, potentially leading to cavities, gingivitis, and periodontitis.

Research indicates that harmful microorganisms from the mouth can spread throughout the body, creating serious systemic health concerns, including cognitive, respiratory, joint, cardiovascular, and gastrointestinal issues.

## Ingredient Mechanisms of Action\*

(see [Biocidin® Product Sheet](#) for more information)

The Dentalcidin® Oral Care System is powered by Biocidin® and other evidence-based ingredients. Scientific literature shows these ingredients have multiple therapeutic activities. Below are highlights that may account for positive patient outcomes and feedback from dental health professionals.

### Supports Microbial Balance & Freshens Breath

Many of the botanicals in the system impact unwanted microorganisms and selectively enhance beneficial microorganisms, freshening breath and contributing to healthy oral ecology.

**Biofilm Disruptor** The botanicals and essential oils work in five different ways to inhibit biofilms, helping to remove plaque.

**Immunomodulatory and Supports Healthy Inflammatory Response** Several ingredients in our Dentalcidin® Oral Care System support healthy immune activity and downregulate inflammatory pathways.

**Antioxidant** Most of the ingredients have antioxidant activity, which helps neutralize free radicals and repair gingival tissue.

**Cleaning and Whitening** Gently abrasive for superior cleaning and absorbent for whitening activity.

## Ingredients

**Dentalcidin® Oral Microbiome Toothpaste:** Sorbitol, Water, Biocidin® (Bilberry fruit extract, Grape seed extract, Shiitake mushroom extract, Goldenseal root, Noni fruit extract, Garlic bulb, White willow bark, Milk thistle seed, Raspberry fruit, Echinacea purpurea plant extract, Echinacea angustifolia root, Black walnut hull, Black walnut leaf, Lavender oil, Oregano oil, Galbanum oil, Tea tree oil, Fumitory aerial parts extract, Gentian lutea root), Vegetable glycerin, Hydrated silica, Sodium lauroyl sarcosinate, Tocopherol, Natural organic flavor, Cellulose gum, Peppermint oil, Aloe, Cinnamon oil, Tangerine fruit extract, Bitter orange fruit extract, Sweet orange peel extract, Ascorbic acid, Citric acid, Lactic acid, Clove oil, Tea tree oil

**Dentalcidin® LS Liposomal Rinse:** Biocidin® (Vegetable glycerin<sup>†</sup>, Bilberry fruit extract, Grape seed extract, Shiitake mushroom extract<sup>†</sup>, Goldenseal root<sup>†</sup>, Noni fruit extract<sup>†</sup>, Garlic bulb<sup>†</sup>, White willow bark, Milk thistle seed<sup>†</sup>, Echinacea purpurea herb extract, Echinacea angustifolia root<sup>†</sup>, Raspberry fruit<sup>†</sup>, Black walnut hull, Black walnut leaf, Lavender oil<sup>†</sup>, Oregano oil<sup>†</sup>, Galbanum oil, Tea Tree oil<sup>†</sup>, Fumitory aerial parts extract, Gentian lutea root<sup>†</sup>) Myrrh resin, Clove bud oil, Peppermint leaf oil, Quercetin, CoQ10 (ubiquinone) **Other Ingredients:** Purified water, phospholipids (from sunflower seed lecithin), ethanol (sourced from sugar cane), tocopherols, acacia gum, natural mixed tocopherols

<sup>†</sup>Organic

These products are made without dairy, gluten, soy, corn, animal products, artificial coloring or flavoring. Contains walnut leaf and hull.

\*These statements have not been evaluated by the Food and Drug Administration. These products are not intended to diagnose, treat, cure or prevent any disease.