



**Report To:**

Less – Cal Foods, Inc. / GGLP Group  
c/o Leonard Paul  
237 Fern St --#306W  
West Hartford CT 06119

Laboratory Report#: **N20150410-01**  
Report Date: **04/10/2015**

EMAIL: lesscal@yahoo.com

<p><b>METHOD:</b></p>   <p><b>Disinfectants:</b></p>	<p><b>Modified AOAC 961.02</b> <b>Germicidal Spray Products as Disinfectant</b></p> <p>1) 10 ppm ASAP Solution Colloidal Silver 8 ml Atomize-Spearmint Lot DM 05115A</p>
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**SCOPE:**

- To test a Spray Disinfectant to determine effectiveness for contaminated surfaces

**PROCEDURE:**

A culture of *Porphyromonas gingivalis*, ATCC 33277 was suspended in 0.85% sterile saline. A small volume of suspension was spread on a sterile surface. This bacterial suspension on the sterile surface was sprayed with 3 sprays of 10 ppm colloidal silver from 8ml atomizer-spearmint Lot DM 05115A.

The bacteria and spray mixtures were allowed to remain at room temperature and were assayed for microbial recovery of bacteria at 3 minutes, 10 minutes, and 30 minutes using Lethen Brooth, Blood Agar Plates, and aerobic conditions. All time points tested with individual microbial challenges.

*Porphyromonas gingivalis* is a gram negative oral anaerobe. This bacteria can be involved in periodontitis, an inflammatory gum disease.

Approved By: 

Alan C. Johnson, Laboratory Director  
Melanie S. LaRose, Asst. Laboratory Director



**Report To:**

Less – Cal Foods, Inc. / GGLP Group  
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237 Fern St --#306W  
West Hartford CT 06119

Laboratory Report#: **N20150324**  
Report Date: **03/24/2015**  
Date Tested: **1/29/2015**

EMAIL: lesscal@yahoo.com

<b>METHOD:</b>	<b>Modified AOAC 961.02 Germicidal Spray Products as Disinfectant</b>
<b>Disinfectants:</b>	<b>10 ppm ASAP Solution Colloidal Silver (American Biotech Labs) 8 ml Atomize-Spearmint Lot DM 05115A</b>

**RESULTS AS FOLLOWS . . .**

**CULTURE: Porphyromonas qingivali – ATCC 33277**

<u>Time Intervals</u>	<u>Inoculation CFU</u>	<u>Recovered CFU</u>	<u>Log Reduction</u>	<u>Reduction %</u>
3 Minutes:	1,200,000	<15	4.9	99.99
10 Minutes:	1,200,000	<15	4.9	99.99
30 Minutes:	1,200,000	<15	4.9	99.99

Approved By:   
**Alan C. Johnson, Laboratory Director**  
**Melanie S. LaRose, Asst. Laboratory Director**