

est. 1964

Kari-Out

food & packaging to go



AccuGen
LABORATORIES

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Date: 05-04-2020

Re: **Assessment of Antimicrobial Activity Using a Time-Kill Procedure ASTM E2315**

Test Agent: Fresh Nap Solution C H31020-2, Lab # 155645 used in Fresh Nap Plus Hand Wipes

Sponsor: Kari Out Co

Testing Lab: Accugen Laboratories, Inc.

Date Test Started: 03-23-2020 **Date Test Completed:** 04-27-2020

Lab# : 155645

To Whom it May Concern:

Accugen Laboratories, Inc. conducted a time kill study test on Kari-Out's product, Fresh Nap Solution C H31020-2 Lab # 155645 used to manufacture Fresh Nap Plus Hand Wipes. The study is entitled Assessment of Antimicrobial Activity Using a Time-Kill Procedure E2315-16 following the ASTM method and conducted under Good Laboratory Practices. The test material was brought into contact with a known population of microorganisms for a specified exposure time and at a specific temperature. The activity of the test material was quenched by appropriate neutralization technique and the surviving organisms were enumerated. The percent reduction/log reduction was calculated from the initial population.

Please be advised that there was at least a 99.9% log reduction achieved within 30 seconds in all of the twenty different strains of microorganisms that were exposed to Kari-Out's product.

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Lab director