

**INDEPENDENT LABORATORY CERTIFICATE OF ANALYSIS**

**VIRUCIDAL HARD-SURFACE EFFICACY TEST – Severe Acute Respiratory Syndrome-Related Coronavirus 2**

**Reported to:** Allways Technology  
 No. 15, Ln. 11, Yuanshan Rd  
 Zhudong Township  
 Hsinchu County 310  
 Taiwan (R.O.C)

**Date Tested:** 10/15/20  
**Project No.:** 1055-101  
**Certificate Issued:** 12/23/20

**Product Tested:**

K-clean Antibacterial Fluid by Allways Technology. The product has an active ingredient of Hypochlorous Acid and was applied to the challenge virus by spraying at a distance of 6 – 8”.

**Test Performed:**

ASTM International Test method designated E1053-20, “Standard Practice to Assess Virucidal Activity of Chemicals Intended for Disinfection of Inanimate, Nonporous Environmental Surfaces.” The test conforms to EPA OCSP 810.2000 (2018) and 810.2200 (2018) Product Performance Test Guidelines.

**Independent Laboratory Testing Results:**

Organism	Contact Time	Log <sub>10</sub> Reduction	Percent Reduction
Severe Acute Respiratory Syndrome-Related Coronavirus 2	25 seconds	1.00	90%


**Conclusions:**

Independent laboratory tested K-clean Antibacterial Fluid against Severe Acute Respiratory Syndrome-Related Coronavirus 2 in accordance with EPA OCSP 810.2000 (2018) and 810.2200 (2018) Product Performance Test Guidelines. K-clean Antibacterial Fluid, with contact time of 25 seconds exhibited a 1.00 Log<sub>10</sub> (90%) reduction.

**Laboratory Credentials:**

Microbac Laboratories, Inc. operates one of the world’s most diversified commercial testing laboratory groups in the environmental, pharmaceutical, food, and other sectors. Microbac Laboratories, Inc., is an ISO 17025 accredited and Good Laboratory Practices (GLP)-compliant laboratory that has over 28 years of experience serving the microbial and viral testing community for numerous successful studies submitted to the EPA, FDA, and other regulatory agencies.

**Reported by: Microbac Laboratories, Inc.**

  
 Tanya Kapes  
 Study Director  
 Microbac Laboratories, Inc.

Microbac Laboratories, Inc.

**INDEPENDENT LABORATORY CERTIFICATE OF ANALYSIS**
**VIRUCIDAL HARD-SURFACE EFFICACY TEST – Severe Acute Respiratory Syndrome-Related Coronavirus 2**

**Reported to:** Always Technology  
 No. 15, Ln. 11, Yuanshan Rd  
 Zhudong Township  
 Hsinchu County 310  
 Taiwan (R.O.C)

**Date Tested:** 10/15/20  
**Project No.:** 1055-101  
**Certificate Issued:** 12/24/20

**Product Tested:**

ATK Sterilizing solution by Always Technology. The product has an active ingredient of Hypochlorous Acid and was applied to the challenge virus by spraying at a distance of 6 – 8”.

**Test Performed:**

ASTM International Test method designated E1053-20, “Standard Practice to Assess Virucidal Activity of Chemicals Intended for Disinfection of Inanimate, Nonporous Environmental Surfaces.” The test conforms to EPA OCSP 810.2000 (2018) and 810.2200 (2018) Product Performance Test Guidelines.

**Independent Laboratory Testing Results:**

Organism	Contact Time	Log <sub>10</sub> Reduction	Percent Reduction
Severe Acute Respiratory Syndrome-Related Coronavirus 2	25 seconds	1.00	90%

**Conclusions:**

Independent laboratory tested ATK Sterilizing solution against Severe Acute Respiratory Syndrome-Related Coronavirus 2 in accordance with EPA OCSP 810.2000 (2018) and 810.2200 (2018) Product Performance Test Guidelines. ATK Sterilizing solution, with contact time of 25 seconds exhibited a 1.00 Log<sub>10</sub> (90%) reduction.

**Laboratory Credentials:**

Microbac Laboratories, Inc. operates one of the world’s most diversified commercial testing laboratory groups in the environmental, pharmaceutical, food, and other sectors. Microbac Laboratories, Inc., is an ISO 17025 accredited and Good Laboratory Practices (GLP)-compliant laboratory that has over 28 years of experience serving the microbial and viral testing community for numerous successful studies submitted to the EPA, FDA, and other regulatory agencies.

**Reported by: Microbac Laboratories, Inc.**


Tanya Kapes  
 Study Director  
 Microbac Laboratories, Inc.

Microbac Laboratories, Inc.

**INDEPENDENT LABORATORY CERTIFICATE OF ANALYSIS**
**VIRUCIDAL HARD-SURFACE EFFICACY TEST – Severe Acute Respiratory Syndrome-Related Coronavirus 2**

**Reported to:** Allways Technology  
 No. 15, Ln. 11, Yuanshan Rd  
 Zhudong Township  
 Hsinchu County 310  
 Taiwan (R.O.C)

**Date Tested:** 10/15/20  
**Project No.:** 1055-101  
**Certificate Issued:** 12/24/20

**Product Tested:**

EC-clean Antibacterial Fluid by Allways Technology. The product has an active ingredient of Hypochlorous Acid and was applied to the challenge virus by spraying at a distance of 6 – 8”.

**Test Performed:**

ASTM International Test method designated E1053-20, “Standard Practice to Assess Virucidal Activity of Chemicals Intended for Disinfection of Inanimate, Nonporous Environmental Surfaces.” The test conforms to EPA OCSP 810.2000 (2018) and 810.2200 (2018) Product Performance Test Guidelines.

**Independent Laboratory Testing Results:**

Organism	Contact Time	Log <sub>10</sub> Reduction	Percent Reduction
Severe Acute Respiratory Syndrome-Related Coronavirus 2	25 seconds	1.00	90%

**Conclusions:**

Independent laboratory tested EC-clean Antibacterial Fluid against Severe Acute Respiratory Syndrome-Related Coronavirus 2 in accordance with EPA OCSP 810.2000 (2018) and 810.2200 (2018) Product Performance Test Guidelines. EC-clean Antibacterial Fluid, with contact time of 25 seconds exhibited a 1.00 Log<sub>10</sub> (90%) reduction.

**Laboratory Credentials:**

Microbac Laboratories, Inc. operates one of the world’s most diversified commercial testing laboratory groups in the environmental, pharmaceutical, food, and other sectors. Microbac Laboratories, Inc., is an ISO 17025 accredited and Good Laboratory Practices (GLP)-compliant laboratory that has over 28 years of experience serving the microbial and viral testing community for numerous successful studies submitted to the EPA, FDA, and other regulatory agencies.

**Reported by: Microbac Laboratories, Inc.**

 12/24/2020

Tanya Kapes  
 Study Director  
 Microbac Laboratories, Inc.

Microbac Laboratories, Inc.