

Virus Inactivation Test

Virus	Reduction Rate(%)	Third party testing organization
Bovine coronavirus (substitute:SARS-CoV-2, Coronas β genus)	99.99	Research Institute for Animal Science in Biochemistry & Toxicology (RIAS)
Influenza virus Type:A	99.99	
Canine parvovirus	99.87	
Feline calicivirus (substitute:Norovirus)	99.999	Japan Food Research Laboratories (JFRL)
Coxsackie virus A6	99.999	Kitazato Research Center for Environmental Science (KRCES)
Adeno virus Type:3	99.999	

Bacterial Disinfection Test

Bacteria / Fungus	Reduction Rate(%)	Third party testing organization
Trichophyton	99.93	Kitazato Research Center for Environmental Science (KRCES)
Staphylococcus aureus	99.99	Kyoto Biseibutsu Kenkyusyo (Kyoto Microbiology Research Center)
Methicillin-resistant staphylococcus aureus (MRSA)	99.99	
Salmonella enteritidis	99.99	
Klebsiella pneumoniae	99.99	
Vibrio parahaemolyticus	99.99	
Pseudomonas aeruginosa	99.99	
Escherichia coli (E.coli)	99.99	
O-157 (E.coli:H7)	99.99	Japan Food Research Laboratories (JFRL)

Allergen Inactivation Test

Allergen substance	Reduction Rate(%)	Third party testing organization
Cedar pollen (Cry j 1)	99.57	Japan Food Research Laboratories (JFRL)
Dermatophagoides farinae (House dust) (Der f 1)	99.40	
Felis domesticus (Cat allergen) (Fel d 1)	99.67	Institute of Tokyo Environmental Allergy (ITEA Inc.)

Deodorant Test

Deodorant ingredient	Kind of stench	Reduction Rate(%)	Third party testing organization
Ammonia	Urine smell	99.2	Shokukanken Inc. (Food Environment and Health Institute)
Hydrogen sulfide	Rotten odor of eggs	90.0	
Trimethylamin	Rotten odor of fishes	98.0	
Methylmercaptan	Rotten odor of vegetables	99.3	
Isovaleric acid	Foot smell	98.0	
Acetic acid	The sour smell of sweat	99.5	

Safety Test (Implementation at 1,000ppm)

Safety test Items	Test standard	Result / Judgment	Third party testing organization
Acute Oral Toxicity	OECD TG420 Compliance	LD50:2000mg/Kg or over No abnormality	Japan Food Research Laboratories (JFRL)
Eye Irritation	OECD TG405 Compliance	Category of Non-irritants	
Primary Skin Irritation	OECD TG404 Compliance	Category of Non-irritating	

CHLOsh Test Result List 2/2



As of October, 2021

S.E.L Co., Ltd.

Disinfection and Safety Tests by space spraying

(with Ultrasonic Sprayer model# : HM-201SEL)

Disinfection Test (Implementation at 50ppm)

Test item (regulations)	Reduction Rate (hours)	Third party testing organization
Airborne bacteria : S. aureus / indoor space 25m ³ (Apply with JEM1467 D)	99.87 (60Min.) 99.99 (120Min.)	Kitazato Research Center for Environmental Science (KRCES)
Adherent bacteria : S. aureus / indoor space 30m ³ (Apply with JEM1467 E)	99.99 (60Min.) 99.99 (90Min.)	

Safety Test (Implementation at 65ppm / Under saturation)

Safety Test item	Result/Judgment	Third party testing organization
Repeated Systemic Exposure Inhalation Toxicity	No abnormality	Drug Safety Testing Center (DSTC)

ver:TU10E-HP 2/2