

## Test Report

	Personnel	Tel. No.	
Client	Affiliation	E-mail	
	Address		
Request	Virucidal Activity Test		
Sample	VSP-A62_salt, VSP-A62_HOCl activator / Derivative model: ITASH iClean IC-S		
Purpose of Use on the Product	Sterilization, disinfectant		
Test Virus	COVID-19 (SARS-CoV-2)	Cell Line	Vero E6
Test No.	KR-2006-014-ECW01-C	Test Period	2020.06.13-06.26
Sample State	Liquid: Colorless, transparent	Sample Concentration	Stock solution
Reaction Time	30 sec, 1 min, 5 min	Titration	CPE
Test Temperature	Room Temperature (Approx. 20°C)	Tester	

## Test Result

Product Name	Virus Titer TCID <sub>50</sub>	Treatment time	Virus Reduction Rate	
			(log)	(%)
VSP-A62_salt	3.16x10 <sup>6</sup>	30 sec	3.75	99.98%
	3.16x10 <sup>6</sup>	1 min	3.75	99.98%
	3.16x10 <sup>6</sup>	5 min	4.00	99.99%
VSP-A62_HOCl activator	3.16x10 <sup>6</sup>	30 sec	4.00	99.99%
	3.16x10 <sup>6</sup>	1 min	4.00	99.99%
	3.16x10 <sup>6</sup>	5 min	4.00	99.99%

**Result:** VSP-A62\_salt, VSP-A62\_HOCl activator used in the test showed 99.98% and 99.99% of virucidal effect after 30 seconds of sample treatment on COVID-19 (SARS-CoV-2).

July 02, 2020

Test Manager:

- \* This test report is a result limited to the sample and sample name provided by the client and does not guarantee the quality on the overall product.
- \* This report cannot be used for PR, advertising and litigation purposes, and use of this report other for its original purpose is prohibited.