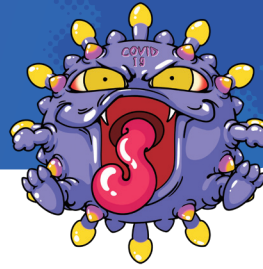


INFECTION PREVENTION PRODUCTS

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SARAYA

QUICK-DRYING HAND DISINFECTANT

Alsoft V

- Effective against a broad spectrum of microorganisms including general bacteria, fungi and viruses in a short contact time.



* The package may differ in each country

Components

Active ingredients

ETHANOL
76.9-81.4%(v/v)

Other ingredients

Phosphoric acid, glycerin,
isopropyl myristate, allantoin

Virus inactivation efficacy test of Alsoft V

Test location

MICROMUN GmbH. (Germany)

Table. The effective contact time for test viruses of Alsoft V

	Virus	The effective contact time	Log ₁₀ reduction	Reduction rate(%)
Non-Enveloped virus	Poliovirus Type 1*	30sec	4.06	>99.99
	Adenovirus Type 5 / Adenoid 75*	2.5min	>5.00	>99.999
	Polyomavirus SV40*	1min	4.03	>99.99
	Feline calicivirus F9	30sec	>4.87	>99.99
	Rotavirus SA11	5min	4.13	>99.99
Enveloped virus	Vaccinia virus strain Elstree*	30sec	>5.37	>99.999
	Influenza virus (H1N1) swine	30sec	>5.18	>99.999
	Influenza virus (H5N1) avian	30sec	>4.18	>99.99
	Bovine coronavirus	30sec	>4.43	>99.99

*DVV&RKI Guideline test viruses for "virucidal activity"

※ For further reference, see "non-enveloped and enveloped viruses" document.

Test method

The virucidal activity of Alsoft V against a variety of viruses was evaluated in accordance with the DVV & RKI Guideline. It specifies that a product achieves 4 or above log reduction in the TCID₅₀ on each of the designated viruses is considered as effective against viruses in general.

Results

Alsoft V achieved 4 or above log reduction in the TCID₅₀ on tested viruses. The results indicated that Alsoft V is highly effective against viruses.

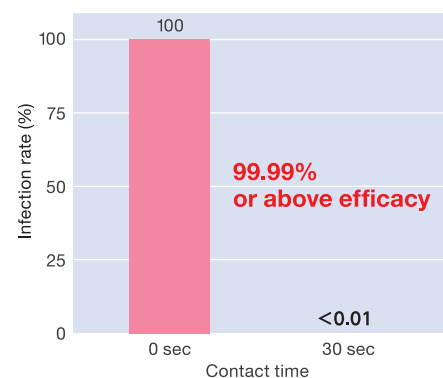


Figure. Efficacy of Alsoft V against Bovine coronavirus.