

TABLE 1

Test Formulation #1: DermAphex Foaming Hand Sanitizer (Lot #X-106-18)

Virus: Coronavirus strain 229E (ATCC #VR-740)

Host Cell Line: MRC-5 (ATCC #CCL-171)

Volume Plated per Well: 1.0 mL

Test Date: March 4, 2020

Dilution (- Log ₁₀)	Virus Control	Test					NTC	NC	CTC	CC
		1 minute	3 minutes	5 minutes	7 minutes	10 minutes				
										0000
-2	NT	CT	CT	CT	CT	CT	CT	NT	++++	N/A
-3	++++	00+0	0000	0000	0000	0000	++++	++++	0000	
-4	++++	0+00	0000	0000	0000	0000	+++0	++++	0000	
-5	++++	0000	0000	0000	0000	0000	00++	+0+0	NT	
-6	000+	0000	0000	0000	0000	0000	0000	+000	NT	
-7	0000	0000	0000	0000	0000	0000	0000	0000	NT	
TCID ₅₀ (log ₁₀)	5.75	3.00	≤2.50	≤2.50	≤2.50	≤2.50	4.75	5.25	2.50	
Log₁₀ Reduction	N/A	2.75	≥3.25	≥3.25	≥3.25	≥3.25	N/A			
Percent Reduction		99.82	≥99.94	≥99.94	≥99.94	≥99.94				

+ CPE (cytopathic/cytotoxic effect) present
 0 CPE (cytopathic/cytotoxic effect) not detected
 CC Cell Control
 CTC Cytotoxicity Control
 NC Neutralization Control
 NTC Neutralizer Toxicity Control
 NT Not tested
 N/A Not applicable
 CT Cytotoxicity