

To: X3 Labs Inc.

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To follow are results for Project # 603-104, Virucidal Suspension Efficacy Test - Feline calicivirus (Surrogate for Norwalk virus)

Table I
Titer Results

Sample	Titer ± 95% CL (Log ₁₀ TCID ₅₀ /ml)	Volume (ml)	Volume Correction ^a	Viral Load (Log ₁₀ TCID ₅₀)
Test Agent, Lot No 608-5 (titration)	0.75 ± 0.25	3	100	3.23 ± 0.25
Test Agent, Lot No 608-5 (large volume)	0.50 ± 0.00	3	100	2.98 ± 0.00
Virus Recovery Control	6.75 ± 0.51	3	-	7.23 ± 0.51
Cell Viability Control (cytotoxicity assay)	no virus was detected			
Cell Viability Control (spiking assay)	no virus was detected			

^a Volume correction accounts for the dilution of the sample post contact time.

_ Denotes the presence of viral infectivity in 100% of the wells inoculated.

Table II
Neutralizer Effectiveness and Cytotoxicity Related Controls

Dilution of the Test Agent/Neutralizer Mixture*	Neutralizer Effectiveness Control*	Cytotoxicity Control
Undilute	Not tested	cytotoxic
10 ⁻¹	Not tested	cytotoxic
10 ⁻²	virus detected in all inoculated wells	no cytotoxicity observed
10 ⁻³	virus detected in all inoculated wells	no cytotoxicity observed
10 ⁻⁴	virus detected in all inoculated wells	no cytotoxicity observed

* Dilution listed refers to the actual fold of dilution of the neutralized test agent.

Table III
Reduction Factor(s)

Test Agent	Initial Load (Log ₁₀ TCID ₅₀)	Output Load (Log ₁₀ TCID ₅₀)	Log ₁₀ Reduction
Test Agent, Lot No 608-5	7.23 ± 0.51	3.23 ± 0.25	4.00 ± 0.57