

INDEPENDENT LABORATORY CERTIFICATE OF ANALYSIS



Triad Forensics
Independent Service Laboratory

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Client: GFS Corporation
Contact: Bruce Smyth
Mailing Address: 320 East 58th Street, Suite 8B
New York, NY 10022
USA

Case/Project ID: TFL-GFS-10-1103
Tested: 11/03-11/08/2010
Reported: 11/08/2010
Telephone: +61+7+3390+4070
Fax: +61+7+3399+2497
E-Mail1: bsmyth@gfscorporation.net

Physical Address: Same

Report Sent By: In Person
Date Sent: 1/28/2011

Product Name: BioProtect™ Hospital Grade Sanitiser
Sample ID: Sample 1-GFS Standard
Test Code: TFL-GFSI_FCV
Test Description: *Feline Calcivirus* for efficacy of product against *Norovirus*
Surface Tested **Analyte** **Log Spiked**

			Treatment Time Elapsed	Log Reduction
Stainless Steel	Feline Calcivirus	10 ⁶ CFU/g, per cm	5 minutes	10 ⁵ CFU/g
Stainless Steel	Feline Calcivirus	10 ⁶ CFU/g, per cm	10 minutes	10 ⁶ CFU/g
Stainless Steel	Feline Calcivirus	10 ⁶ CFU/g, per cm	30 minutes	10 ⁶ CFU/g
Stainless Steel	Feline Calcivirus	10 ⁶ CFU/g, per cm	1 hour	10 ⁶ CFU/g
Stainless Steel	Feline Calcivirus	10 ⁶ CFU/g, per cm	3 hours	10 ⁶ CFU/g
Stainless Steel	Feline Calcivirus	10 ⁶ CFU/g, per cm	24 hours	10 ⁶ CFU/g
Stainless Steel	Feline Calcivirus	10 ⁶ CFU/g, per cm	7 days	10 ⁶ CFU/g
Stainless Steel	Feline Calcivirus	10 ⁶ CFU/g, per cm	14 days	10 ⁴ CFU/g
Wood	Feline Calcivirus	10 ⁶ CFU/g, per cm	5 minutes	10 ⁴ CFU/g
Wood	Feline Calcivirus	10 ⁶ CFU/g, per cm	10 minutes	10 ⁵ CFU/g
Wood	Feline Calcivirus	10 ⁶ CFU/g, per cm	30 minutes	10 ⁵ CFU/g
Wood	Feline Calcivirus	10 ⁶ CFU/g, per cm	1 hour	10 ⁶ CFU/g
Wood	Feline Calcivirus	10 ⁶ CFU/g, per cm	3 hours	10 ⁶ CFU/g
Wood	Feline Calcivirus	10 ⁶ CFU/g, per cm	24 hours	10 ⁶ CFU/g
Wood	Feline Calcivirus	10 ⁶ CFU/g, per cm	7 days	10 ⁶ CFU/g
Wood	Feline Calcivirus	10 ⁶ CFU/g, per cm	14 days	10 ⁴ CFU/g
Aluminum	Feline Calcivirus	10 ⁶ CFU/g, per cm	5 minutes	10 ⁵ CFU/g
Aluminum	Feline Calcivirus	10 ⁶ CFU/g, per cm	10 minutes	10 ⁶ CFU/g
Aluminum	Feline Calcivirus	10 ⁶ CFU/g, per cm	30 minutes	10 ⁶ CFU/g
Aluminum	Feline Calcivirus	10 ⁶ CFU/g, per cm	1 hour	10 ⁶ CFU/g
Aluminum	Feline Calcivirus	10 ⁶ CFU/g, per cm	3 hours	10 ⁶ CFU/g
Aluminum	Feline Calcivirus	10 ⁶ CFU/g, per cm	24 hours	10 ⁶ CFU/g
Aluminum	Feline Calcivirus	10 ⁶ CFU/g, per cm	7 days	10 ⁶ CFU/g
Aluminum	Feline Calcivirus	10 ⁶ CFU/g, per cm	14 days	10 ⁶ CFU/g

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Surface Tested	Analyte	Log Spiked	Treatment Time Elapsed	Log Reduction
PVC Plastic	Feline Calcivirus	10 ⁶ CFU/g, per cm	5 minutes	10 ⁵ CFU/g
PVC Plastic	Feline Calcivirus	10 ⁶ CFU/g, per cm	10 minutes	10 ⁶ CFU/g
PVC Plastic	Feline Calcivirus	10 ⁶ CFU/g, per cm	30 minutes	10 ⁶ CFU/g
PVC Plastic	Feline Calcivirus	10 ⁶ CFU/g, per cm	1 hour	10 ⁶ CFU/g
PVC Plastic	Feline Calcivirus	10 ⁶ CFU/g, per cm	3 hours	10 ⁶ CFU/g
PVC Plastic	Feline Calcivirus	10 ⁶ CFU/g, per cm	24 hours	10 ⁶ CFU/g
PVC Plastic	Feline Calcivirus	10 ⁶ CFU/g, per cm	7 days	10 ⁶ CFU/g
PVC Plastic	Feline Calcivirus	10 ⁶ CFU/g, per cm	14 days	10 ⁶ CFU/g
Polyvinyl Chloride (Linoleum)	Feline Calcivirus	10 ⁶ CFU/g, per cm	5 minutes	10 ⁵ CFU/g
Polyvinyl Chloride (Linoleum)	Feline Calcivirus	10 ⁶ CFU/g, per cm	10 minutes	10 ⁶ CFU/g
Polyvinyl Chloride (Linoleum)	Feline Calcivirus	10 ⁶ CFU/g, per cm	30 minutes	10 ⁶ CFU/g
Polyvinyl Chloride (Linoleum)	Feline Calcivirus	10 ⁶ CFU/g, per cm	1 hour	10 ⁶ CFU/g
Polyvinyl Chloride (Linoleum)	Feline Calcivirus	10 ⁶ CFU/g, per cm	3 hours	10 ⁶ CFU/g
Polyvinyl Chloride (Linoleum)	Feline Calcivirus	10 ⁶ CFU/g, per cm	24 hours	10 ⁶ CFU/g
Polyvinyl Chloride (Linoleum)	Feline Calcivirus	10 ⁶ CFU/g, per cm	7 days	10 ⁶ CFU/g
Polyvinyl Chloride (Linoleum)	Feline Calcivirus	10 ⁶ CFU/g, per cm	14 days	10 ⁶ CFU/g
Carpet	Feline Calcivirus	10 ⁶ CFU/g, per cm	5 minutes	10 ⁵ CFU/g
Carpet	Feline Calcivirus	10 ⁶ CFU/g, per cm	10 minutes	10 ⁵ CFU/g
Carpet	Feline Calcivirus	10 ⁶ CFU/g, per cm	30 minutes	10 ⁶ CFU/g
Carpet	Feline Calcivirus	10 ⁶ CFU/g, per cm	1 hour	10 ⁶ CFU/g
Carpet	Feline Calcivirus	10 ⁶ CFU/g, per cm	3 hours	10 ⁶ CFU/g
Carpet	Feline Calcivirus	10 ⁶ CFU/g, per cm	24 hours	10 ⁶ CFU/g
Carpet	Feline Calcivirus	10 ⁶ CFU/g, per cm	7 days	10 ⁵ CFU/g

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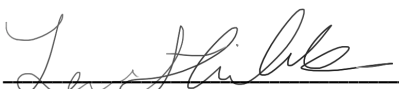
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Samples were tested in triplicate and serially diluted for counting colony-forming units per gram using method. The log reductions reported are averaged results from testing performed in triplicate. Feline Calicivirus inoculum was spread evenly across 1 cm of each material's surface after the BioProtect™ Hospital Grade Sanitiser product had been sprayed and allowed to dry. (No dilution of the BioProtect product was used during this study.) All testing was conducted using current aseptic techniques and was performed within a sterile biological safety cabinet approved for such use.

END OF LABORATORY REPORT

Reported By: 
Lauren Stainback, Lab Director

Date Signed: January 28, 2011

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