CONDITIONS	
Virus Strain	Murine hepatitis virus (MHV) -1 ATCC/VR-261
Cell Substrate	A9 cells ATCC/CCL- 1.4
Test Concentration	5 g in 500 mL (Hard water)
Contact Time	5 hours
Test Temperature	Room temperature
Test Condition	Dirty 5% FBS (Fetal Bovine Serum)
Neutraliser	2% FBS in MM

RESULTS: TABLE 1: MHV-1 test/control results for 5 hours contact

Virus Dilution	**Number of Inoculated Wells**	**Virus Control**	**Cytotoxicity**	**Neutralisation**	**Test Sample**
10^{-1}	4	$4^{+}/4$	C	C	C
10^{-2}	4	$4^{+}/4$	$0^{+}/4$	$4^{+}/4$	$3^{+}/4$
10^{-3}	4	$4^{+}/4$	$0^{+}/4$	$4^{+}/4$	$3^{+}/4$
10^{-4}	4	$4^{+}/4$	N/A	N/A	$2^{+}/4$
10^{-5}	4	$4^{+}/4$	N/A	N/A	$0^{+}/4$
10^{-6}	4	$4^{+}/4$	N/A	N/A	$0^{+}/4$
10^{-7}	4	$2^{+}/4$	N/A	N/A	N/A
10^{-8}	4	$2^{+}/4$	N/A	N/A	N/A
Log_{10}	-	**7.5**	**1.5**	**1.5**	**3.56**
Log_{10} Reduction of Virus after Treatment				**3.94**	

Note: Presence of virus in each response is recorded as **"+"**

Absence of virus in each response is recorded as "0"

Cytotoxic response is recorded as "C"

Calculated virus titre = $10^{7.50}TCID_{50/0.1ml}$ ($7.50\ log_{10}$)

Cell control - 4 wells with healthy cell monolayer

* The Reed & Muench LD50 Method was used for determining the virus titre endpoint.

CONCLUSIONS:

Considering the cytotoxicity and neutralisation test results, the sample has shown virucidal efficacy against MHV-1 by achieving 3.94 log reduction in virus concentration after 5 hours exposure period at room temperature.