

Excerpt from:**"Report on bacteriological sensitivity study of Sanosil Super 25"**

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August 2002.

(DES T 175/e)

Report

Sample description: Disinfectant (Sanosil Super 25)
Received on: 19.07.2002
Batch No. /Date Manufacturer: NIL
Sample supplied by: Sanosil Biotech Pvt. Ltd.
Concentrations supplied: 3%, 5%, 10% und 15%
Organisms used: Bacillus anthracis
Time of exposure: 10, 20, 30 minutes, 1 hour, 2 hours

Method

1. Fresh broth culture of Bacillus Anthracis containing 10^6 org/ml was inoculated into tubes having 3%, 5%, 10% and 15% concentration of the given disinfectant.
2. Organisms were exposed to various time intervals viz. 10, 20, 30, 60 and 120 minutes.
3. 0.2ml of each "concentration + organism mixture" was plated onto nutrient agar plates after the specific time intervals and kept for incubations at 37°C for 48 hours.
4. Presence or absence of growth was observed and recorded.

Observations

Concentration used	Time of Exposure				
	10 min	20 min	30 min	60 min	120 min
3%	No growth on any plate				
5%					
10%					
15%					

Conclusions

The disinfectant product was found effective against Bacillus anthracis in-vitro at a concentration of 3% for 10 minutes.