

Analytical MicroLabs

Industrial Microbiologists

NATA Accredited Laboratory: 14917

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Citrofresh Sporocidal testing record sheet

Certificate number: 020205
Batch number: Citrofresh BC 3
Production date: 2004
Date or period of testing: 22/11/2004-22/02/2005

Organism tested:

1. *Bacillus cereus* ATCC 10876
2. *Bacillus subtilis* (environmental isolate)
3. *Clostridium perfringens* ATCC 13124

Kelsey- Maurer Capacity test (TGA Disinfectant test, Appendix 54, 545A, TGA Protocol)
(The above test validated, using Virkon S registered disinfectant)

Concentration of Citrofresh	6%		8%		10%			
Time of challenge	8 min.	18 min.	8 min.	18 min.	8 min.	18 min.	8 min.	18 min.
Organism tested								
<i>Bacillus cereus</i> ATCC 10876	4/5 Growth	3/5 Growth	1/5 Growth	1/5 Growth	0/5 Growth	0/5 Growth		
<i>Bacillus subtilis</i> Environmental isolate	3/5 Growth	2/5 Growth	1/5 Growth	0/5 Growth	0/5 Growth	0/5 Growth		
<i>Clostridium perfringens</i> ATCC	3/5 Growth	4/5 Growth	1/5 Growth	1/5 Growth	0/5 Growth	0/5 Growth		

(0, 1, 2, 3, 4, 5/5 growth represent the positive broth out of 5 Nutrient broth)

AOAC Official Method 991.48 and 991.49. Hard Surface Carrier test.*(The above test was validated, using "Virkon S" registered disinfectant)*

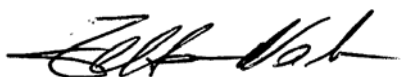
Concentration of Citrofresh 14P >	6%		8%		10% (Citrofresh 14W)	
Carriers >	Stainless steel cylinder	Glass cylinder	Stainless steel cylinder	Glass cylinder	Stainless steel cylinder	Glass cylinder
Organism tested and growth						
Bacillus cereus ATCC 10876 Bacillus subtilis Environmental isolate						
Number of Carriers with Growth	12/60	8/60	0/60	0/60	0/60	0/60
Number of Carriers without growth	48/60	52/60	60/60	60/60	60/60	60/60
Clostridium perfringens ATCC						
Number of Carriers with Growth	8/60	11/60	0/60	0/60	0/60	0/60
Number of Carriers without growth	52/60	49/60	60/60	60/60	60/60	60/60

Initial inoculum concentrations: 2-3x10⁹ orgs\ ml**Incubation temperature and time:** 37 degree Celsius for 48 hrs**Condition:** clean dirty (underline appropriate)

Effective concentration:

Bacillus cereus	8%
Bacillus subtilis	8%
Clostridium perfringens	8%

Controls:	1. Recovery Broth contamination	No growth
	2. Disinfectant contamination	No growth
	3. Fertility test	Growth
	4. Inactivator Efficacy	Growth

Authorised by:


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