





Consulting Scientists to the Disinfectant Industry

Certificate of Analysis

Sample(s):	One sample of Green	Gold Concentrate				
Received from:	Busy Cleaning Ltd,	Charter Court, Phoe	nix Way,	Swansea,	SA7	9FS
Date received:	16 May 2011	Date tested:	19 May	2011		
Certificate no:	11E.040Ca-KR.CLE	Certificate date:	23 May	2011		
Sample ref:	11E/040	Page:	1 of 2			
Analysis required:	EN 1650, Chemical d. Quantitative suspend fungicidal or yeast and antiseptics used institutional areas (phase 2, step 1)	isinfectants and an sion test for the e icidal activity of d in food, industri - Test method and	tiseptic valuatio chemical al, dome requirem	s - n of disinfec stic and ents	tants	3
Product stored at:		Room temperature				
Active substance:		Not declared				
Test conditions:		Dirty				
Interfering substan	ce:	3.0g/l bovine albu	ımin			
Product test concen	tration:	20% v/v				
Product diluent use	d during test:	Sterile hard water	300mg/1	CaCO ₃		
Contact time:		15 minutes				
Test temperature:		20°C ± 0.5°C				
Neutralising soluti	on:	30g/l polysorbate 1g/l histidine, 1g	80, 3g/l ʃ/l cyste	lecithin	,	
Incubation temperat	ure:	30°C ± 1°C				
Identification of f strain(s) used:	ungal/yeast	Candida albicans		NCPF 31	79	



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<u>Test results:</u>

Test	Candida
Organism	albicans
Validation	Vc1 330 Vc2 316
Suspension	
(Nv _°)	
Experimental	Vc1 296 Vc2 320
Control	
(A)	$\ddot{x} = 308 \ge 0.5 Nv_{\circ}$
Neutraliser	Vc1 304 Vc2 276
Control	
(B)	$\ddot{x} = 290 \geq 0.5 Nv_{\circ}$
Method	Vc1 310 Vc2 258
Validation	
(C)	$\ddot{x} = 284 \ge 0.5 Nv_{\circ}$
Test 10 ⁻⁵	⁵ Vc1 266 Vc2 304
Suspension	5 Vol 33 Vol 29
10	
(N)	$\ddot{w} = 2.87 \times 10^7$
	lg N = 7.46
$(N_{\circ} = 0.1N)$	$lg N_o = 6.46$
Results 10 ⁰	Vc1 <14 Vc2 <14
(Na)	10¤ < 140
	lg Na < 2.15
(R)	lg R > 4.31
Pass: lg R ≥ 4	PASS
	EASS

Conclusion:

This batch of GreenGold Concentrate, when diluted to 20% v/v, passes the requirements of EN 1650 for fungicidal/yeasticidal activity in 15 minutes at 20° C under dirty conditions against the reference organism detailed.

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