

Excerpt from:

"Expert study of the disinfectant Sanosil Super 25"

Testing Station of the Swiss Breweries, Zurich, Switzerland, December 1984.

(DES T 20/e)

Low germ content

Test organism	Working time (min.)	Control (cells/ml)	Disinfection sample			
			without added wort		with added wort	
			1.0%	2.0%	1.0%	2.0%
Saccharomyces cerevisiae	30	3.5 x 10 ²	0 (100%)	0 (100%)	0 (100%)	0 (100%)
Lactobacillus sp	30	4 x 10 ²	0 (100%)	0 (100%)	0 (100%)	0 (100%)
Pediococcus sp	30	5 x 10 ³	0 (100%)	0 (100%)	0 (100%)	0 (100%)

High germ content

Test organism	Working time (min.)	Control (cells/ml)	Disinfection sample			
			without added wort		with added wort	
			1.0%	2.0%	1.0%	2.0%
Saccharomyces cerevisiae	30	3.5 x 10 ⁵	1.9 x 10 ³ (99.5%)	0.4 x 10 ³ (99.89%)	4.7 x 10 ³ (98.7%)	2.5 x 10 ³ (99.3%)
	60	1.6 x 10 ⁵	1.0 x 10 ³ (99.71%)	0 (100%)	0.5 x 10 ³ (99.86%)	0 (100%)
Lactobacillus sp	30	5 x 10 ⁴	0 (100%)	0 (100%)	0 (100%)	0 (100%)
	60	5 x 10 ⁴	0 (100%)	0 (100%)	0 (100%)	0 (100%)
Pediococcus sp	30	5 x 10 ⁶	0 (100%)	9 (100%)	6 x 10 ² (99.98%)	2 x 10 ² (99.99%)
	60	5 x 10 ⁶	0 (100%)	0 (100%)	0 (100%)	0 (100%)