

Excerpt from:

"Effectiveness of antimicrobial activity Sanosil Super 25 for use in soft drinks processing lines"

Institute for Food Microbiology and Consumer Goods Ltd., December 1990.

(DES T 65/e)

Type of micro-organism exposed	Control before treatment	No. of surviving micro-organisms *		
		Tap water	Tap water + 2% blood serum **	Tap water + orange juice
Lactobacillus plantarum ATCC 8014	1.7x10 ⁶	<10	<10	<10
Lactobacillus (wild)	1.0x10 ⁷	<10	<10	<10
Saccharomyces cerevisiae ATCC 2338	2.9x10 ³ ***	<10	<10	<10
Aspergillus niger ATCC 16404	1.3x10 ³	1.0x10 ¹	<10	2.0x10 ¹

* Counts are expressed per 1 gr. of water.

** The disinfectant activity has been tested in the presence of 2% blood serum or 2% orange juice, representing organic matter.

*** If a yeast contamination of over X10³ is involved, a contact time of **60 min.** is recommended, with a 3% Sanosil Super 25 solution.