

### REPORT #7

**Name of report:** Study Report 17 23 00002

**Date:** 2017-02-20

**Laboratory:** QACS LTD  
Antigonis str.  
144-51 Metamorfossi  
Greece

**Report signed by:** Lagiopoulos Giorgos, Study Manager

**Type of AGSOL:** AGSOL 1000-5-5 (Prebona Protect)  
AGSOL 500-5-2,5 (Prebona Protect diluted 1:2)  
AGSOL 10-5-0,05 (Prebona Protect diluted 1:100)

**Substrate:** Agar

**Microorganism:** *Candida albicans*

**Standard:** EN 1275 (Phase 1)

### Summary:

AGSOL 1000-5-5, AGSOL 500-5-2,5 and AGSOL 10-5-0,05 have log reduction from 4,45 to 1,86 in accordance with EN 1275, within 15 minutes at  $20\pm 1^{\circ}\text{C}$  using as test organism *Candida albicans*.

AGSOL 100-5-0,5 (Prebona Fotdesinfection) is calculated to have a log reduction of 2,10, corresponding to a Kill rate of >99% with regards to *Candida albicans* within 15 minutes at  $20\pm 1^{\circ}\text{C}$ .

**TEST RESULTS FOR *Candida albicans***

AGSOL	Time	Temperature	log reduction	Viability	Kill rate (%)
AGSOL 1000-5-5	15 min	20°C	4,45	$>1,0 \times 10^4$	>99,99%
AGSOL 500-5-2,5	15 min	20°C	3,16	$>1,0 \times 10^3$	>99,9%
AGSOL 10-5-0,05	15 min	20°C	1,86	$>1,0 \times 10^1$	>90%

AGSOL 1000-5-5 contains 1000 ppm Ag

AGSOL 500-5-2,5 contains 500 ppm Ag

AGSOL 10-5-0,05 contains 10 ppm Ag

AGSOL 100-5-0,5 (Prebona Fotdesinfektion) contains 100 ppm Ag

From above results for AGSOL with different concentrations of Ag, it is calculated that AGSOL 100-5-0,5 (Prebona Fotdesinfektion) has a log reduction of 2,10 and Kill rate of >99% within 15 minutes at  $20 \pm 1^\circ\text{C}$ .