

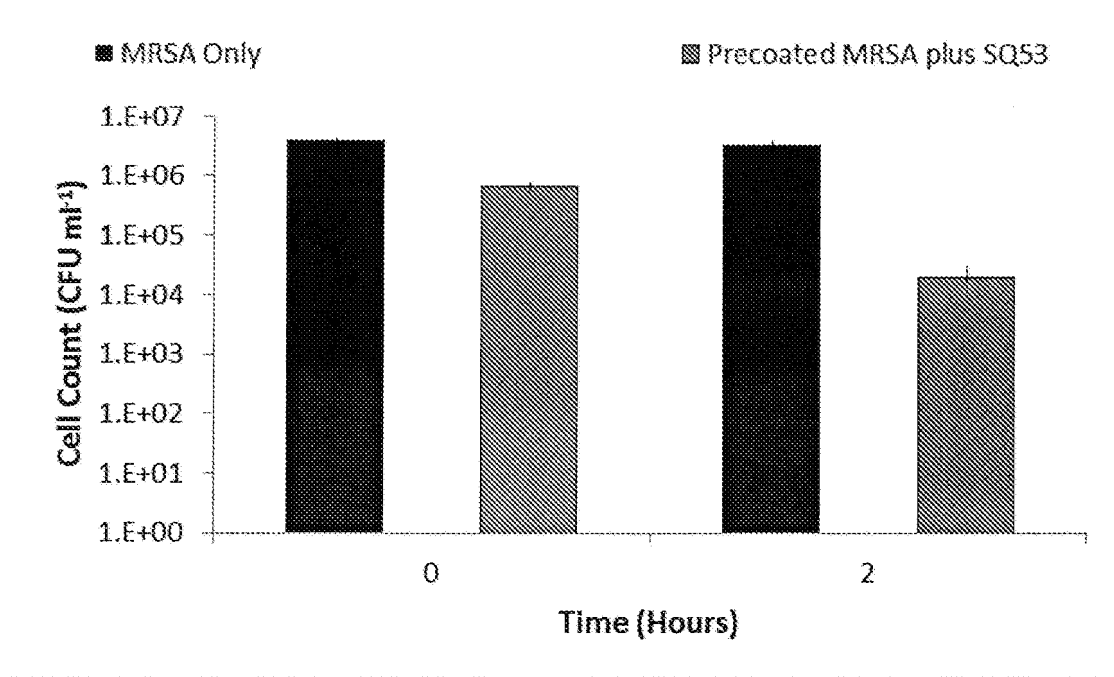


Figure 1

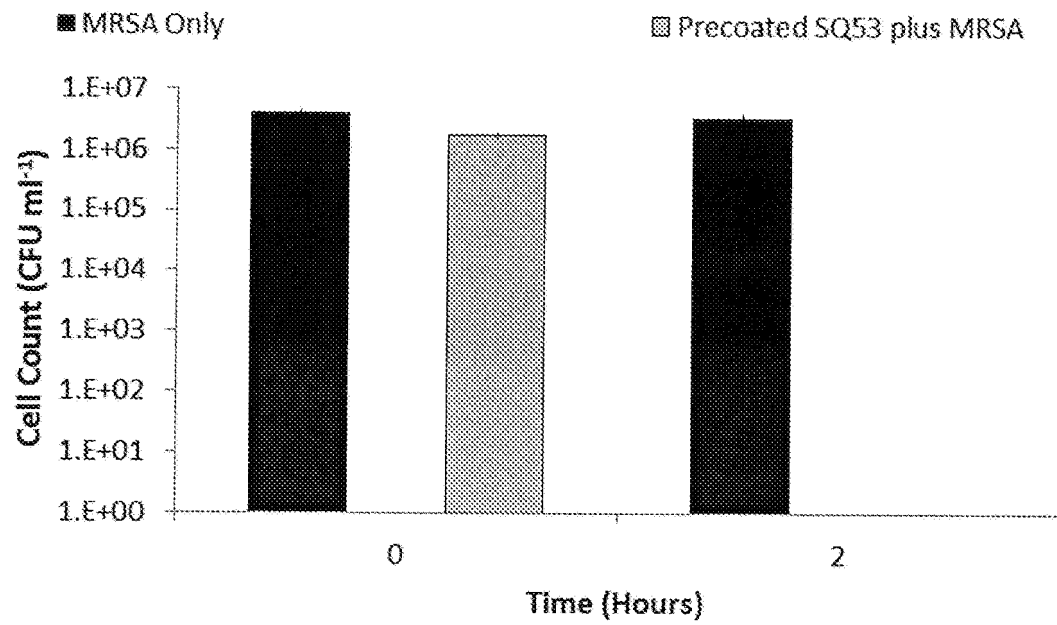


Figure 2

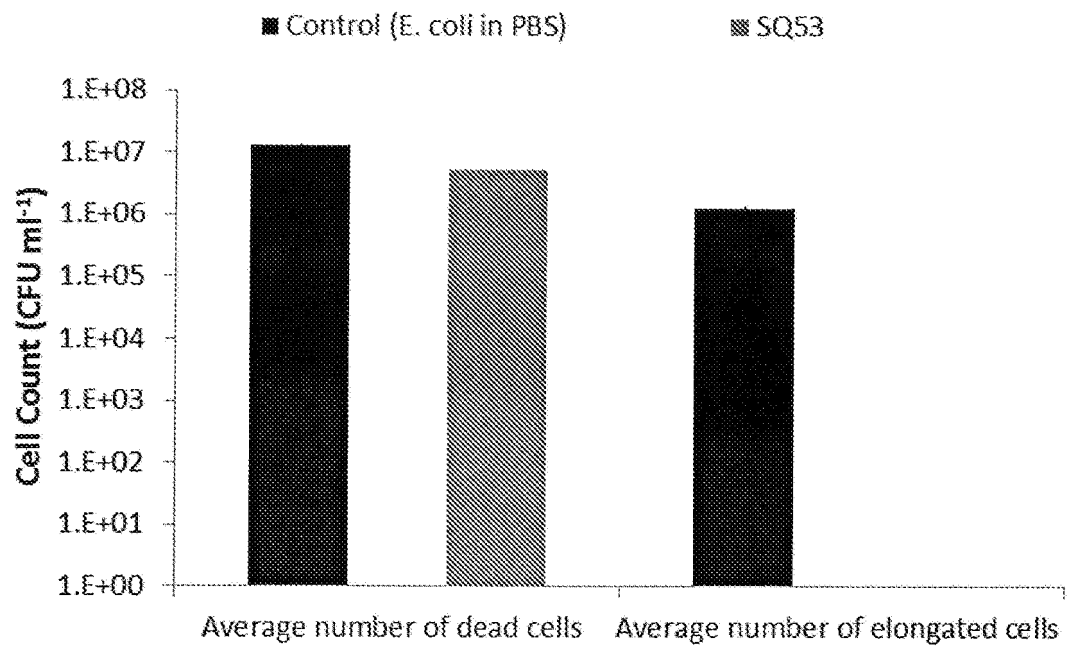


Figure 3

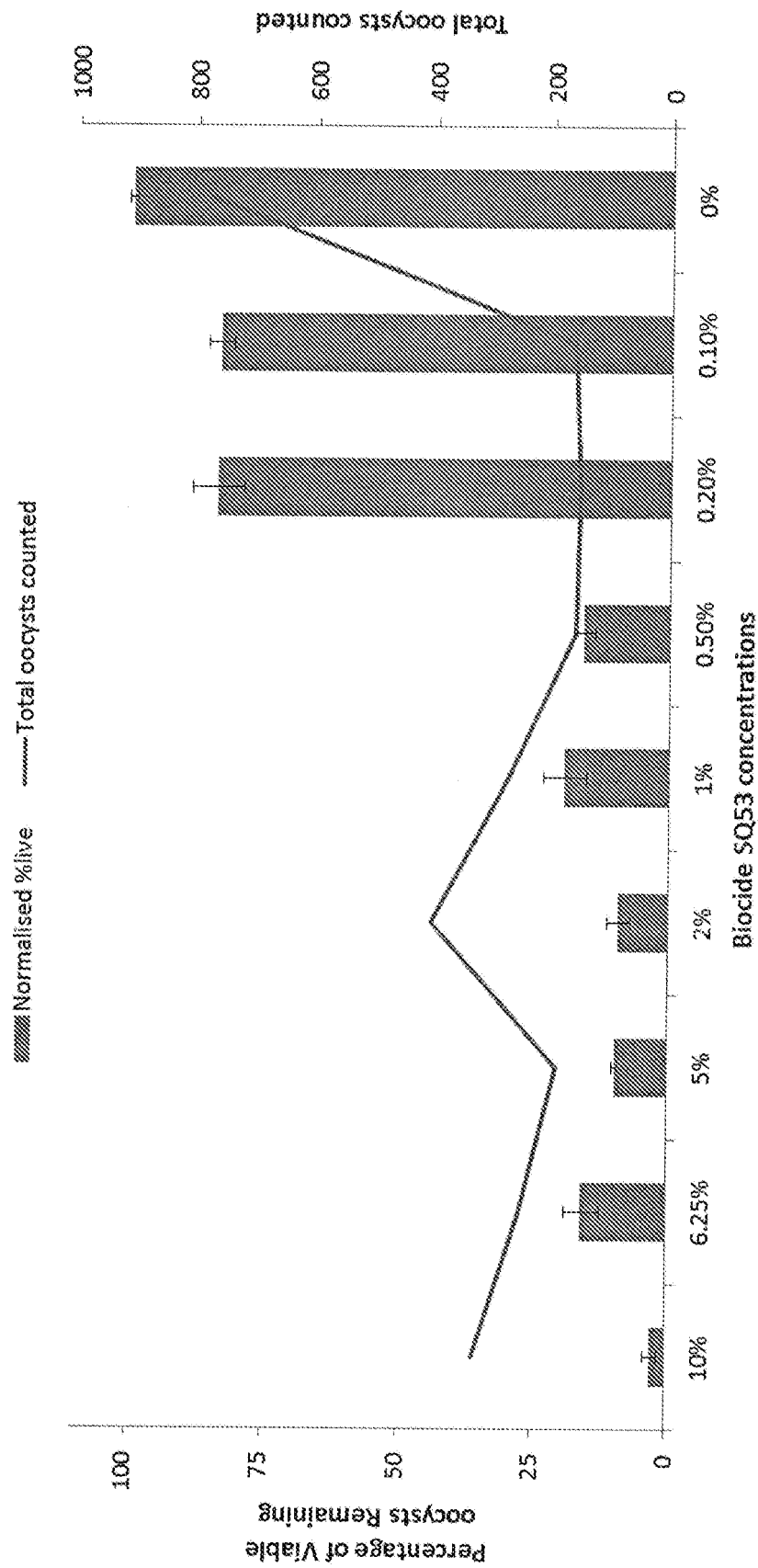


Figure 4

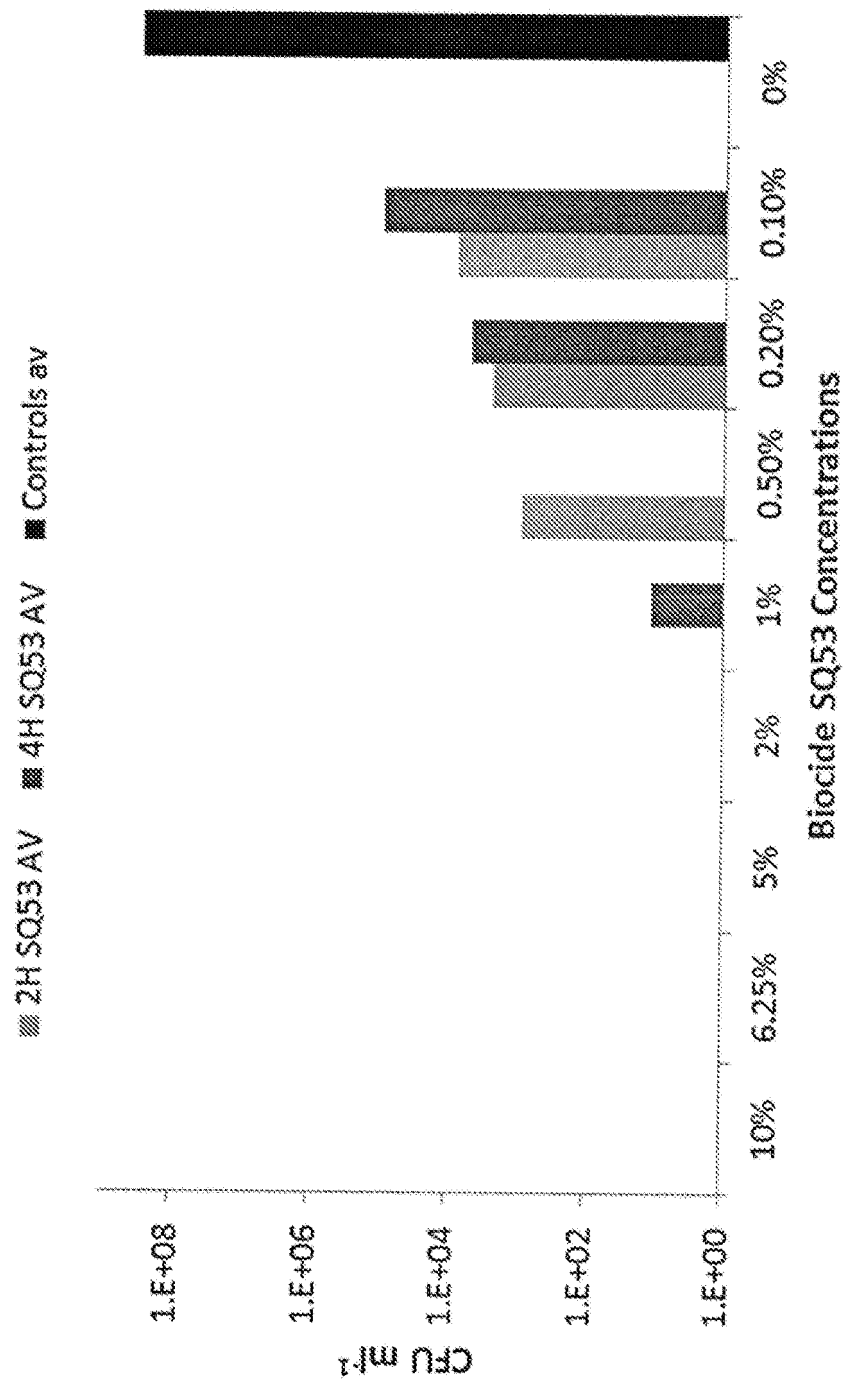


Figure 5

Table 5

Required Characteristic	Copper Salts	Colloidal Silver	Chlorine	Bromine	Polyhexamethylene biguanide	Ozone	UV	SQ 53
Effective against both pathogens and nuisance microorganisms	Partial	Partial	Yes	Yes	Partial	Yes	Yes	Yes
Low order of toxicity or preferably non toxic to humans, animals and plant life	Partial	Partial	Yes	Partial	Yes	If controlled	Yes	Yes
Safe to handle	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Does not degrade into or react with other pool or spa chemicals to form harmful disinfection by products	Yes	Yes	No	No	Yes	Yes	Yes	Yes
Suitable shelf life at storage temperatures for a minimum of 1 year	Yes	Yes	No	No	Yes	N/A	N/A	Yes
Efficacious in presence of and stable to organic impurities from bathers and environment, high and low water temperature, pH variations, differing water qualities and sunlight	No	No	No	No	Yes	Yes	No	Yes
Should not impart colour, odour or taste to the water	Yes	Yes	No	No	Yes	No	Yes	Yes
Able to be monitored with a simple point of use test kit	Yes	Yes	Yes	Yes	No	Yes	No	Yes
Should not discolour/damage pool and spa surfaces and equipment	No	No	No	No	Yes	No	Yes	Yes
Flocculation performance	No	No	No	No	No	No	No	Yes
Biofilm	No	No	Partial	Partial	Partial	Partial	No	Yes