

Test Certificate

DOULTON STERASYL CANDLES

Object

To assess the performance capability of Doulton Sterasyl candles to remove *Cryptosporidium* oocysts from a contaminated water supply.

Protocol

Doulton Sterasyl candles were exposed to a challenge of *Cryptosporidium* contaminated, low turbidity water at a constant pressure. The challenge water was delivered to the filter on an intermittent basis for one week to establish an intensive life simulation.

Test Results

Day	3 bar			4 bar		
	Influent	Effluent	% Efficiency	Influent	Effluent	% Efficiency
1	3300	ND	100	2400	ND	100
2	-	ND	100	-	ND	100
3	-	ND	100	-	ND	100
4	-	ND	100	-	ND	100
5	19800	ND	100	36175	ND	100

ND - Not detected
Ref. Report No CO 4170/1 for detail

Conclusion

Based on the above test results, the Doulton Sterasyl candle is capable of removing oocysts from a drinking water supply contaminated by *Cryptosporidium* at the efficiency of 100%.

Signed 

Date 12/8/96

