

Test Certificate

BRITISH BERKEFELD STERASYL CANDLES

Object

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

Protocol

The 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 British Berkefeld Sterasyl candle is capable of removing oocysts from a drinking water supply contaminated by *Cryptosporidium* at the efficiency of 100%.

Signed R A Pitcher

Date 14.07.03