

TEST CERTIFICATE

DOULTON ULTRACARB CANDLES

Object

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

Protocol

A Doulton Ultracarb candle was exposed to a challenge of *Cryptosporidium* contaminated, low turbidity water at a constant pressure of 3 bar. The challenge water was delivered to the filter on an intermittent basis for one week to establish an intensive life simulation.

Test Results

Day	Influent	Effluent	% Efficiency
1	6250	ND	100
2	-	ND	100
3	-	-	-
4	-	-	-
5	48620	ND	100

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

Conclusion

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

Signed 

Date 16 Aug A 1996

